

5126	uC-zmflmo17109f03b1.f3	zf-c3hc4(HMM:0.00014)
5127	11_1.R1011.f1	zf-c3hc4(HMM:0.00018)
5128	51111_1.R1011.f1	zf-c3hc4(HMM:0.00018)
5129	LIB3069-015-Q1-K1-B8.f3	zf-c3hc4(HMM:0.00028)
5130	43883_1.R1011.f1	zf-c3hc4(HMM:0.001)
5131	11838_1.R1011.f2	zf-c3hc4(HMM:0.0014)
5132	2513_1.R1011.f1	zf-c3hc4(HMM:0.002)
5133	145261_1.R1011.f3	zf-c3hc4(HMM:0.0029)
5134	LIB3150-081-P1-N1-C6.f2	zf-c3hc4(HMM:0.0029)
5135	27662_1.R1011.f5	zf-c3hc4(HMM:0.004)
5136	163_1.R1011.f2	zf-c3hc4(HMM:0.0042)
5137	LIB3157-017-Q1-K1-E7.f3	zf-c3hc4(HMM:0.0042)
5138	164747_1.R1011.f5	zf-c3hc4(HMM:0.0046)
5139	116629_2.R1011.f3	zf-c3hc4(HMM:0.0053)
5140	50182_1.R1011.f2	zf-c3hc4(HMM:0.0053)
5141	54242_1.R1011.f1	zf-c3hc4(HMM:0.0056)
5142	pmx700091647.h1.f2	zf-c3hc4(HMM:0.0061)
5143	76340_1.R1011.f2	zf-c3hc4(HMM:0.0076)
5144	324272_1.R1011.f2	zf-c3hc4(HMM:0.0093)
5145	pmx700086948.h1.f2	zf-c3hc4(HMM:0.0098)
5146	10592_1.R1011.f2	zf-c3hc4(HMM:0.011)
5147	fdz701164649.h1.f1	zf-c3hc4(HMM:0.011)
5148	39463_1.R1011.f2	zf-c3hc4(HMM:0.012)
5149	13279_2.R1011.f2	zf-c3hc4(HMM:0.013)
5150	79049_1.R1011.f2	zf-c3hc4(HMM:0.013)
5151	8752_1.R1011.f3	zf-c3hc4(HMM:0.013)
5152	uC-zmrob73002f12b1.f1	zf-c3hc4(HMM:0.013)
5153	246800_1.R1011.f2	zf-c3hc4(HMM:0.014)
5154	clt700045409.f1.f6	zf-c3hc4(HMM:0.014)
5155	uC-zmflb73160d12a1.f6	zf-c3hc4(HMM:0.014)
5156	213_3.R1011.f1	zf-c3hc4(HMM:0.017)
5157	wty700170408.h1.f1	zf-c3hc4(HMM:0.017)
5158	12729_4.R1011.f5	zf-c3hc4(HMM:0.018)
5159	56078_2.R1011.f1	zf-c3hc4(HMM:0.018)
5160	8752_3.R1011.f2	zf-c3hc4(HMM:0.02)
5161	uC-zmflmo17269f10b1.f2	zf-c3hc4(HMM:0.021)
5162	12729_1.R1011.f1	zf-c3hc4(HMM:0.022)
5163	12729_7.R1011.f3	zf-c3hc4(HMM:0.022)
5164	59524_1.R1011.f3	zf-c3hc4(HMM:0.023)
5165	66723_1.R1011.f3	zf-c3hc4(HMM:0.034)
5166	5954_1.R1011.f1	zf-c3hc4(HMM:0.04)
5167	12212_1.R1011.f1	zf-c3hc4(HMM:0.044)
5168	70802_1.R1011.f1	zf-c3hc4(HMM:0.052)
5169	82069_1.R1011.f1	zf-c3hc4(HMM:0.053)
5170	103280_1.R1011.f3	zf-c3hc4(HMM:0.054)
5171	103280_2.R1011.f3	zf-c3hc4(HMM:0.054)
5172	uC-zmroteosinté096f02b2.f3	zf-c3hc4(HMM:0.056)
5173	181_1.R1011.f2	zf-c3hc4(HMM:0.059)
5174	afb700381537.h1.f2	zf-c3hc4(HMM:0.06)
5175	3393_1.R1011.f3	zf-c3hc4(HMM:0.065)
5176	182784_1.R1011.f5	zf-c3hc4(HMM:0.066)
5177	275059_1.R1011.f2	zf-c3hc4(HMM:0.069)
5178	324734_1.R1011.f2	zf-c3hc4(HMM:0.073)
5179	qmh700027480.f1.f1	zf-c3hc4(HMM:0.074)

5180	612_5.R1011.f2	zf-c3hc4(HMM:0.077)
5181	72452_1.R1011.f1	zf-c3hc4(HMM:0.078)
5182	uC-zmrob73054b08a1.f1	zf-c3hc4(HMM:0.083)
5183	uC-zmflb73019d10b1.f1	zf-c3hc4(HMM:0.086)
5184	LIB189-003-Q1-E1-E7.f1	zf-c3hc4(HMM:0.089)
5185	154523_1.R1011.f4	zf-c3hc4(HMM:0.09)
5186	qmh700030296.f1.f3	zf-c3hc4(HMM:0.094)
5187	g3340896.f4	zf-c3hc4(HMM:0.1)
5188	g4967174.f5	zf-c3hc4(HMM:0.11)
5189	26273_1.R1011.f3	zf-c3hc4(HMM:0.14)
5190	93164_2.R1011.f3	zf-c3hc4(HMM:0.3)
5191	14776_2.R1011.f1	zf-c3hc4(HMM:0.49)
5192	uC-zmflmo17076a01b1.f2	zf-c3hc4(HMM:0.52)
5193	26865_1.R1011.f2	zf-c3hc4(HMM:0.59)
5194	14776_3.R1011.f2	zf-c3hc4(HMM:0.65)
5195	LIB3136-026-Q1-K1-B3.f1	zf-c3hc4(HMM:0.75)
5196	14776_1.R1011.f2	zf-c3hc4(HMM:0.93)
5197	LIB3180-021-P2-M1-B3.f1	zf-c3hc4(HMM:0.99)
5198	26398_1.R1011.f5	zf-c3hc4(HMM:1.1e-07)
5199	47763_1.R1011.f2	zf-c3hc4(HMM:1.1e-09)
5200	64464_1.R1011.f1	zf-c3hc4(HMM:1.1e-09)
5201	76138_1.R1011.f2	zf-c3hc4(HMM:1.1e-10)
5202	24928_1.R1011.f3	zf-c3hc4(HMM:1.1e-11)
5203	76005_1.R1011.f3	zf-c3hc4(HMM:1.1e-11)
5204	LIB3159-007-Q1-K1-F12.f2	zf-c3hc4(HMM:1.1e-11)
5205	uC-zmflb73271c07a1.f4	zf-c3hc4(HMM:1.2)
5206	g5525869.f4	zf-c3hc4(HMM:1.2e-09)
5207	11122_1.R1011.f2	zf-c3hc4(HMM:1.2e-11)
5208	19677_1.R1011.f2	zf-c3hc4(HMM:1.2e-11)
5209	93164_1.R1011.f1	zf-c3hc4(HMM:1.3e-09)
5210	uC-zmflmo17169b10a1.f2	zf-c3hc4(HMM:1.3e-09)
5211	148037_1.R1011.f1	zf-c3hc4(HMM:1.3e-10)
5212	wty700164124.h1.f1	zf-c3hc4(HMM:1.4e-09)
5213	4582_2.R1011.f6	zf-c3hc4(HMM:1.5)
5214	9403_1.R1011.f3	zf-c3hc4(HMM:1.5e-05)
5215	g4646402.f6	zf-c3hc4(HMM:1.5e-05)
5216	105_4.R1011.f4	zf-c3hc4(HMM:1.5e-08)
5217	108416_1.R1011.f2	zf-c3hc4(HMM:1.5e-09)
5218	12986_1.R1011.f3	zf-c3hc4(HMM:1.6e-13),zz(HMM:8e-11)
5219	3192_1.R1011.f3	zf-c3hc4(HMM:1.9)
5220	159039_1.R1011.f6	zf-c3hc4(HMM:1.9e-06)
5221	36843_1.R1011.f2	zf-c3hc4(HMM:1.9e-06)
5222	ceu700430292.h1.f1	zf-c3hc4(HMM:1.9e-10)
5223	23974_2.R1011.f2	zf-c3hc4(HMM:1e-06)
5224	68707_1.R1011.f2	zf-c3hc4(HMM:1e-09)
5225	uC-zmromo17009a07a1.f4	zf-c3hc4(HMM:1e-10)
5226	165_1.R1011.f3	zf-c3hc4(HMM:2.1e-08)
5227	73703_1.R1011.f1	zf-c3hc4(HMM:2.1e-10)
5228	8767_1.R1011.f3	zf-c3hc4(HMM:2.2e-06)
5229	8767_2.R1011.f1	zf-c3hc4(HMM:2.2e-06)
5230	414_1.R1011.f2	zf-c3hc4(HMM:2.2e-11)
5231	5462_1.R1011.f1	zf-c3hc4(HMM:2.3e-05)
5232	360600_1.R1011.f1	zf-c3hc4(HMM:2.3e-06)

5233	10589_1.R1011.f1	zf-c3hc4(HMM:2.3e-10)
5234	LIB3069-004-Q1-K1-D7.f2	zf-c3hc4(HMM:2.3e-10)
5235	116629_1.R1011.f2	zf-c3hc4(HMM:2.4e-08)
5236	56775_1.R1011.f3	zf-c3hc4(HMM:2.4e-12)
5237	tz700205411.h1.f3	zf-c3hc4(HMM:2.4e-12)
5238	29304_1.R1011.f3	zf-c3hc4(HMM:2.5e-07)
5239	6572_1.R1011.f2	zf-c3hc4(HMM:2.5e-08)
5240	15090_3.R1011.f3	zf-c3hc4(HMM:2.6e-12)
5241	105_10.R1011.f5	zf-c3hc4(HMM:2.7e-08)
5242	41932_1.R1011.f3	zf-c3hc4(HMM:2.7e-08)
5243	uC-zmflMol17004a08b1.f3	zf-c3hc4(HMM:2.7e-10)
5244	136215_1.R1011.f3	zf-c3hc4(HMM:2.8e-05)
5245	g5058662.f4	zf-c3hc4(HMM:2.8e-10)
5246	74958_2.R1011.f1	zf-c3hc4(HMM:2.9)
5247	66897_1.R1011.f1	zf-c3hc4(HMM:2.9e-06)
5248	103753_1.R1011.f2	zf-c3hc4(HMM:2.9e-11)
5249	612_3.R1011.f3	zf-c3hc4(HMM:2.9e-11)
5250	55104_1.R1011.f3	zf-c3hc4(HMM:2e-07)
5251	LIB3159-015-Q1-K1-F8.f2	zf-c3hc4(HMM:2e-11)
5252	13931_1.R1011.f1	zf-c3hc4(HMM:3.1e-07)
5253	13931_2.R1011.f2	zf-c3hc4(HMM:3.1e-07)
5254	10054_1.R1011.f3	zf-c3hc4(HMM:3.1e-08)
5255	14102_1.R1011.f2	zf-c3hc4(HMM:3.1e-09)
5256	35482_1.R1011.f2	zf-c3hc4(HMM:3.2e-06)
5257	134535_1.R1011.f1	zf-c3hc4(HMM:3.2e-07)
5258	yml700221258.h1.f1	zf-c3hc4(HMM:3.2e-07)
5259	1226_1.R1011.f2	zf-c3hc4(HMM:3.2e-10)
5260	84080_1.R1011.f3	zf-c3hc4(HMM:3.2e-10)
5261	135_1.R1011.f3	zf-c3hc4(HMM:3.3e-09)
5262	35908_1.R1011.f1	zf-c3hc4(HMM:3.3e-09)
5263	97413_1.R1011.f1	zf-c3hc4(HMM:3.3e-09)
5264	15090_1.R1011.f3	zf-c3hc4(HMM:3.3e-12)
5265	15090_2.R1011.f1	zf-c3hc4(HMM:3.3e-12)
5266	96979_1.R1011.f2	zf-c3hc4(HMM:3.3e-12)
5267	xyt700345248.h1.f1	zf-c3hc4(HMM:3.3e-12)
5268	42445_1.R1011.f3	zf-c3hc4(HMM:3.4e-08)
5269	43769_1.R1011.f2	zf-c3hc4(HMM:3.4e-08)
5270	uer700577343.h1.f3	zf-c3hc4(HMM:3.6e-09)
5271	10179_1.R1011.f3	zf-c3hc4(HMM:3.7e-07)
5272	179_1.R1011.f3	zf-c3hc4(HMM:3.7e-07)
5273	59363_1.R1011.f3	zf-c3hc4(HMM:3.7e-09)
5274	108386_1.R1011.f1	zf-c3hc4(HMM:3.9e-12)
5275	86845_1.R1011.f3	zf-c3hc4(HMM:3e-07)
5276	18194_2.R1011.f3	zf-c3hc4(HMM:3e-10)
5277	48821_1.R1011.f1	zf-c3hc4(HMM:4.2e-13)
5278	uC-zmroB73070d02b1.f1	zf-c3hc4(HMM:4.3e-05)
5279	14776_4.R1011.f3	zf-c3hc4(HMM:4.6)
5280	uC-zmflmol17201c12b1.f1	zf-c3hc4(HMM:4.8e-10)
5281	81053_1.R1011.f1	zf-c3hc4(HMM:4.8e-12)
5282	121445_1.R1011.f1	zf-c3hc4(HMM:4.8e-13)
5283	36446_1.R1011.f3	zf-c3hc4(HMM:4.9e-07)
5284	154700_1.R1011.f2	zf-c3hc4(HMM:4e-11)
5285	27570_1.R1011.f4	zf-c3hc4(HMM:4e-11)
5286	54870_1.R1011.f3	zf-c3hc4(HMM:5.1e-06)

5287	wyr700243466.h1.f3	zf-c3hc4(HMM:5.1e-10)
5288	uC-zmflmo17169g10a1.f2	zf-c3hc4(HMM:5.2e-05)
5289	afb700381752.h1.f3	zf-c3hc4(HMM:5.4)
5290	11629_1.R1011.f3	zf-c3hc4(HMM:5.4e-11)
5291	34793_1.R1011.f3	zf-c3hc4(HMM:5.5e-10)
5292	12379_1.R1011.f3	zf-c3hc4(HMM:5.6e-05)
5293	12405_1.R1011.f1	zf-c3hc4(HMM:5.6e-07)
5294	160504_1.R1011.f5	zf-c3hc4(HMM:5.8e-05)
5295	g5499490.f4	zf-c3hc4(HMM:5.9e-13)
5296	uC-zmflb73416a03a1.f4	zf-c3hc4(HMM:5e-05)
5297	15315_1.R1011.f1	zf-c3hc4(HMM:5e-10)
5298	uC-zmflmo17125g04b1.f1	zf-c3hc4(HMM:6)
5299	165281_1.R1011.f6	zf-c3hc4(HMM:6.1e-10)
5300	7605_1.R1011.f1	zf-c3hc4(HMM:6.2e-05)
5301	uC-zmflb73349g12a2.f2	zf-c3hc4(HMM:6.2e-05)
5302	156153_1.R1011.f4	zf-c3hc4(HMM:6.6e-09)
5303	192_1.R1011.f3	zf-c3hc4(HMM:6.9e-12)
5304	81913_1.R1011.f2	zf-c3hc4(HMM:6e-10)
5305	LIB148-043-Q1-E1-F4.f4	zf-c3hc4(HMM:6e-11)
5306	87354_1.R1011.f2	zf-c3hc4(HMM:6e-12)
5307	234606_1.R1011.f1	zf-c3hc4(HMM:7.2e-07)
5308	18194_1.R1011.f1	zf-c3hc4(HMM:7.2e-11)
5309	fC-zmro700830687d1.f6	zf-c3hc4(HMM:7.2e-11)
5310	45085_2.R1011.f1	zf-c3hc4(HMM:7.3e-09)
5311	tfd700572139.h1.f1	zf-c3hc4(HMM:7.5)
5312	LIB3066-035-Q1-K1-F7.f2	zf-c3hc4(HMM:7.6e-08)
5313	LIB3062-024-Q1-K1-H9.f2	zf-c3hc4(HMM:7.7)
5314	24170_1.R1011.f5	zf-c3hc4(HMM:7.7e-09)
5315	46930_1.R1011.f2	zf-c3hc4(HMM:7.7e-11)
5316	168837_1.R1011.f5	zf-c3hc4(HMM:7e-13)
5317	LIB3067-045-Q1-K1-D1.f3	zf-c3hc4(HMM:8.2e-10)
5318	rvt700549916.h1.f1	zf-c3hc4(HMM:8.2e-10)
5319	83740_1.R1011.f1	zf-c3hc4(HMM:8.4e-11)
5320	61691_1.R1011.f2	zf-c3hc4(HMM:8.5e-06)
5321	5889_5.R1011.f2	zf-c3hc4(HMM:8.5e-10)
5322	14670_1.R1011.f3	zf-c3hc4(HMM:8.7e-12)
5323	22644_1.R1011.f2	zf-c3hc4(HMM:8.8e-05)
5324	124447_1.R1011.f1	zf-c3hc4(HMM:8e-08)
5325	66159_1.R1011.f1	zf-c3hc4(HMM:9.5e-10)
5326	LIB36-009-Q1-E1-D11.f1	zf-c3hc4(HMM:9.6e-11)
5327	74958_1.R1011.f3	zf-c3hc4(HMM:9.8e-05)
5328	uC-zmflmo17313f11b1.f1	zf-c3hc4(HMM:9.9e-05)
5329	179_2.R1011.f3	zf-c3hc4(HMM:9e-08)
5330	46477_1.R1011.f3	zf-c3hc4(HMM:9e-09)
5331	72105_1.R1011.f3	zf-ccch(HMM:0.00014)
5332	gwl700617311.h1.f1	zf-ccch(HMM:0.00049)
5333	241_18.R1011.f2	zf-ccch(HMM:0.00065)
5334	ceu700424071.h1.f2	zf-ccch(HMM:0.00071)
5335	192997_2.R1011.f5	zf-ccch(HMM:0.0015)
5336	241_14.R1011.f1	zf-ccch(HMM:0.0044)
5337	192997_1.R1011.f4	zf-ccch(HMM:0.0047)
5338	222263_1.R1011.f3	zf-ccch(HMM:0.0055)
5339	uC-zmflmo17312g01b1.f3	zf-ccch(HMM:0.0058)
5340	LIB3079-034-Q1-K1-B7.f2	zf-ccch(HMM:0.011)



5341	xmt700264760.h1.f1	zf-ccch(HMM:0.011)
5342	uC-zmroteosinte031d02b1.f1	zf-ccch(HMM:0.012)
5343	LIB143-015-Q1-E1-F10.f3	zf-ccch(HMM:0.016)
5344	669_38.R1011.f5	zf-ccch(HMM:0.018)
5345	LIB3137-061-Q1-K1-C2.f3	zf-ccch(HMM:0.019)
5346	95888_1.R1011.f2	zf-ccch(HMM:0.023)
5347	11184_1.R1011.f2	zf-ccch(HMM:0.028)
5348	pmx700082907.h1.f2	zf-ccch(HMM:0.035)
5349	4975_2.R1011.f2	zf-ccch(HMM:0.08)
5350	4975_4.R1011.f2	zf-ccch(HMM:0.08)
5351	4975_5.R1011.f1	zf-ccch(HMM:0.08)
5352	LIB3060-017-Q1-K1-C3.f2	zf-ccch(HMM:0.08)
5353	LIB3159-018-Q1-K1-F2.f3	zf-ccch(HMM:0.098)
5354	LIB3066-019-Q1-K1-A5.f1	zf-ccch(HMM:0.12)
5355	241_32.R1011.f3	zf-ccch(HMM:0.13)
5356	LIB3076-015-Q1-K1-B7.f3	zf-ccch(HMM:0.15)
5357	uwc700155036.h1.f3	zf-ccch(HMM:0.18)
5358	xjt700093378.h1.f3	zf-ccch(HMM:0.2)
5359	305434_1.R1011.f2	zf-ccch(HMM:1.1)
5360	85058_1.R1011.f1	zf-ccch(HMM:1.1e-06)
5361	241_9.R1011.f3	zf-ccch(HMM:1.1e-19)
5362	LIB3150-054-Q1-N1-G6.f3	zf-ccch(HMM:1.3e-05)
5363	241_24.R1011.f3	zf-ccch(HMM:1.4e-08)
5364	43689_2.R1011.f2	zf-ccch(HMM:1.4e-08)
5365	45198_1.R1011.f2	zf-ccch(HMM:1.6e-12)
5366	124725_1.R1011.f1	zf-ccch(HMM:1.7e-07)
5367	171242_1.R1011.f2	zf-ccch(HMM:1.8e-07)
5368	39072_2.R1011.f2	zf-ccch(HMM:1e-05)
5369	g4621377.f6	zf-ccch(HMM:1e-08)
5370	108766_1.R1011.f2	zf-ccch(HMM:2.2e-05)
5371	100614_1.R1011.f1	zf-ccch(HMM:2.4e-06)
5372	wen700331895.h1.f3	zf-ccch(HMM:2.6e-09)
5373	39045_1.R1011.f1	zf-ccch(HMM:2.6e-10)
5374	10942_1.R1011.f2	zf-ccch(HMM:2.8e-08)
5375	tfd700570940.h1.f2	zf-ccch(HMM:2.9)
5376	uC-zmflmo17212f08a1.f5	zf-ccch(HMM:2.9e-19)
5377	241_46.R1011.f2	zf-ccch(HMM:2e-08)
5378	43689_1.R1011.f1	zf-ccch(HMM:3.2e-05)
5379	xsy700208053.h1.f1	zf-ccch(HMM:3.7e-05)
5380	669_4.R1011.f4	zf-ccch(HMM:3.8e-08)
5381	669_19.R1011.f6	zf-ccch(HMM:4.2e-06)
5382	LIB3069-022-Q1-K1-E8.f3	zf-ccch(HMM:4.2e-06)
5383	rv1700458624.h1.f3	zf-ccch(HMM:4.2e-06)
5384	uC-zmflb73056f02b1.f2	zf-ccch(HMM:4.2e-06)
5385	39072_1.R1011.f2	zf-ccch(HMM:4.3e-07)
5386	67016_1.R1011.f1	zf-ccch(HMM:6e-06)
5387	46780_1.R1011.f5	zf-cchc(HMM:0.00012)
5388	1973_2.R1011.f3	zf-cchc(HMM:0.00013)
5389	15134_1.R1011.f3	zf-cchc(HMM:0.00015)
5390	15134_3.R1011.f3	zf-cchc(HMM:0.00015)
5391	1973_1.R1011.f1	zf-cchc(HMM:0.00015)
5392	21823_2.R1011.f2	zf-cchc(HMM:0.00015)
5393	198110_1.R1011.f6	zf-cchc(HMM:0.00018)
5394	LIB148-057-Q1-E1-D4.f1	zf-cchc(HMM:0.00021)



5449	8146_1.R1011.f3	zf-constans(HMM:1.6e-38)
5450	119960_1.R1011.f3	zf-constans(HMM:2.1e-27)
5451	106090_1.R1011.f1	zf-constans(HMM:2.3e-19)
5452	LIB3136-058-Q1-K1-H11.f3	zf-constans(HMM:2.5e-09)
5453	LIB189-006-Q1-E1-D9.f2	zf-constans(HMM:2.5e-16)
5454	clt700041959.f1.f3	zf-constans(HMM:2.6e-18)
5455	18832_1.R1011.f1	zf-constans(HMM:3.1e-06)
5456	LIB3066-002-Q1-K1-C3.f2	zf-constans(HMM:3.2e-13)
5457	LIB3115-031-P1-K1-H5.f2	zf-constans(HMM:3.2e-13)
5458	8146_4.R1011.f3	zf-constans(HMM:3.2e-39)
5459	13038_2.R1011.f3	zf-constans(HMM:3.7e-11)
5460	123361_1.R1011.f2	zf-constans(HMM:3.8e-16)
5461	13038_1.R1011.f1	zf-constans(HMM:3.9e-11)
5462	xsy700209575.h1.f3	zf-constans(HMM:5.3e-17)
5463	61071_1.R1011.f2	zf-constans(HMM:5.5e-07)
5464	uC-zmflm017101f11b1.f1	zf-constans(HMM:5.8e-05)
5465	64502_1.R1011.f2	zf-constans(HMM:5.8e-32)
5466	uC-zmflb73181h07b1.f2	zf-constans(HMM:6.1)
5467	LIB3136-044-P1-K1-A4.f3	zf-constans(HMM:6.4e-11)
5468	18330_1.R1011.f2	zf-constans(HMM:7.1e-21)
5469	14661_1.R1011.f3	zf-mynd(HMM:1.4e-07)
5470	965_30.R1011.f3	zf-mynd(HMM:1.8e-05)
5471	965_36.R1011.f1	zf-mynd(HMM:2.5e-11)
5472	224949_1.R1011.f2	zf-mynd(HMM:9.6e-09)
5473	88460_1.R1011.f1	zf-nf-x1(HMM:0.073)
5474	wen700331933.h1.f1	zf-nf-x1(HMM:0.82)
5475	LIB3067-037-Q1-K1-F12.f3	zf-nf-x1(HMM:1.8e-05)
5476	50287_1.R1011.f2	zz(HMM:0.02)
5477	5730_1.R1011.f1	zz(HMM:2e-12)
5478	2912_1.R1011.f2	zz(HMM:6.4e-07)

Table 5. Nucleic acid sequences encoding transcription factors from maize

SEQ NUM	SEQ ID	Family/Method/E-value
5479	LIB189-022-Q1-E1-E2	14-3-3(HMM:0.00012)
5480	uC-zmflb73092h03b2	14-3-3(HMM:0.00024)
5481	LIB148-011-Q1-E1-B1	14-3-3(HMM:0.00066)
5482	LIB3075-054-Q1-K1-F10	14-3-3(HMM:0.0011)
5483	594_8.R1011	14-3-3(HMM:0.0014)
5484	9611_2.R1011	14-3-3(HMM:0.0019)
5485	LIB3156-010-Q1-K1-H2	14-3-3(HMM:0.0043)
5486	qmh700029541.fl	14-3-3(HMM:0.0054)
5487	LIB3066-018-Q1-K1-C4	14-3-3(HMM:0.0076)
5488	1410_4.R1011	14-3-3(HMM:0.014)
5489	LIB3152-012-P1-K1-D11	14-3-3(HMM:0.024)
5490	LIB3150-049-Q1-N1-C9	14-3-3(HMM:0.027)
5491	uC-zmflmo17127b07b1	14-3-3(HMM:0.18)
5492	LIB3079-008-Q1-K1-B7	14-3-3(HMM:1.1e-08)
5493	tfd700575123.h1	14-3-3(HMM:1.2)
5494	594_2.R1011	14-3-3(HMM:1.4e-30)
5495	566_1.R1011	14-3-3(HMM:1.4e-77)
5496	566_3.R1011	14-3-3(HMM:1.5e-161)
5497	566_9.R1011	14-3-3(HMM:1.5e-29)
5498	LIB3075-042-Q1-K1-C4	14-3-3(HMM:1.6e-11)
5499	1410_3.R1011	14-3-3(HMM:1.7e-52)
5500	LIB3150-041-Q1-N1-A4	14-3-3(HMM:1.9)
5501	731_4.R1011	14-3-3(HMM:1.9e-170)
5502	LIB3159-007-Q1-K1-E7	14-3-3(HMM:1e-20)
5503	LIB3075-002-Q1-K1-B12	14-3-3(HMM:2.1e-07)
5504	1410_7.R1011	14-3-3(HMM:2.1e-16)
5505	wen700336508.h1	14-3-3(HMM:2.1e-16)
5506	1410_1.R1011	14-3-3(HMM:2.2e-178)
5507	gct701175267.h1	14-3-3(HMM:2.3e-35)
5508	fC-zmro700834529r1	14-3-3(HMM:2.6e-06)
5509	594_9.R1011	14-3-3(HMM:2.6e-13)
5510	LIB3137-033-Q1-K1-C6	14-3-3(HMM:2.8e-13)
5511	LIB3150-039-Q1-N1-D12	14-3-3(HMM:2.9e-06)
5512	LIB143-015-Q1-E1-B3	14-3-3(HMM:3)
5513	10404_1.R1011	14-3-3(HMM:3.1e-125)
5514	fC-zmro700834529fl	14-3-3(HMM:3.3e-05)
5515	uC-zmroB73028d12b1	14-3-3(HMM:3.5e-26)
5516	594_3.R1011	14-3-3(HMM:3.7e-127)
5517	LIB3279-053-P1-K1-D2	14-3-3(HMM:3.8e-32)
5518	xjt700096581.h1	14-3-3(HMM:3e-30)
5519	xyt700343495.h1	14-3-3(HMM:4.1e-07)
5520	LIB3150-026-Q1-N1-F5	14-3-3(HMM:4.3e-07)
5521	LIB3180-012-P2-M1-C12	14-3-3(HMM:4.5e-11)
5522	LIB3066-020-Q1-K1-G3	14-3-3(HMM:4.6e-05)
5523	uC-zmflmo17280d02b1	14-3-3(HMM:4.7e-05)
5524	xtj700378323.h1	14-3-3(HMM:4.8e-07)
5525	LIB3180-017-P2-M1-F3	14-3-3(HMM:4.9e-17)
5526	566_2.R1011	14-3-3(HMM:4e-176)
5527	LIB3059-008-Q1-K1-C8	14-3-3(HMM:5.1e-09)
5528	LIB3180-007-P2-M1-H1	14-3-3(HMM:5.2e-05)
5529	uC-zmflmo17269d08b1	14-3-3(HMM:5.3e-18)
5530	LIB3076-038-Q1-K1-E4	14-3-3(HMM:5.4e-12)

5531	uC-zmflmo17269d09b1	14-3-3(HMM:5.4e-15)
5532	594_1.R1011	14-3-3(HMM:5.4e-172)
5533	LIB3150-017-Q1-N1-B11	14-3-3(HMM:5.5e-06)
5534	594_4.R1011	14-3-3(HMM:5.6e-39)
5535	9611_1.R1011	14-3-3(HMM:5.6e-88)
5536	159357_2.R1011	14-3-3(HMM:5.7e-05)
5537	xsy700213601.h1	14-3-3(HMM:5.9e-05)
5538	LIB189-013-Q1-E1-G10	14-3-3(HMM:5e-08)
5539	LIB3066-009-Q1-K1-A4	14-3-3(HMM:5e-09)
5540	LIB3076-026-Q1-K1-B8	14-3-3(HMM:6)
5541	LIB3066-042-Q1-K1-B8	14-3-3(HMM:6.1e-34)
5542	LIB3150-097-P1-N1-B9	14-3-3(HMM:6.4e-16)
5543	LIB3279-014-P1-K1-E9	14-3-3(HMM:6.6e-37)
5544	LIB84-028-Q1-E1-H8	14-3-3(HMM:6e-05)
5545	566_13.R1011	14-3-3(HMM:7.2e-12)
5546	566_22.R1011	14-3-3(HMM:7.2e-12)
5547	1410_6.R1011	14-3-3(HMM:7.3e-19)
5548	uwc700153165.h1	14-3-3(HMM:7.4e-31)
5549	LIB3069-008-Q1-K1-A8	14-3-3(HMM:7.5e-25)
5550	594_11.R1011	14-3-3(HMM:7.7e-10)
5551	uC-zmflb73008g02b1	14-3-3(HMM:8.4e-09)
5552	731_8.R1011	14-3-3(HMM:8.6e-39)
5553	uC-zmflmo17248f03b1	14-3-3(HMM:8.8e-06)
5554	1410_2.R1011	14-3-3(HMM:9.1e-113)
5555	uC-zmroB73017b10b1	14-3-3(HMM:9.8e-28)
5556	159326_1.R1011	ank(HMM:0.00011)
5557	LIB3115-030-P1-K1-C7	ank(HMM:0.00041)
5558	pmx700086003.h1	ank(HMM:0.00043)
5559	141962_2.R1011	ank(HMM:0.00055)
5560	820_2.R1011	ank(HMM:0.0013)
5561	uC-zmflmo17029f11b1	ank(HMM:0.0031)
5562	pmx700082632.h1	ank(HMM:0.01)
5563	195040_2.R1011	ank(HMM:0.011)
5564	dyk700102367.h1	ank(HMM:0.018)
5565	nbm700469772.h1	ank(HMM:0.021)
5566	104576_1.R1011	ank(HMM:0.028)
5567	104308_1.R1011	ank(HMM:0.037)
5568	uC-zmroteosinte018g09b1	ank(HMM:0.047)
5569	wev700404933.h1	ank(HMM:0.05)
5570	gct701171021.h1	ank(HMM:0.054)
5571	g5740576	ank(HMM:0.072)
5572	1726_1.R1011	ank(HMM:0.085)
5573	yyf700348691.h1	ank(HMM:0.14)
5574	36318_1.R1011	ank(HMM:0.15)
5575	11747_1.R1011	ank(HMM:0.21)
5576	uC-zmflb73119g02b1	ank(HMM:0.35)
5577	45856_2.R1011	ank(HMM:0.49)
5578	68346_1.R1011	ank(HMM:1.1e-05)
5579	4075_1.R1011	ank(HMM:1.1e-07)
5580	11869_2.R1011	ank(HMM:1.1e-40)
5581	83366_1.R1011	ank(HMM:1.2e-08)
5582	64217_2.R1011	ank(HMM:1.2e-15)
5583	133011_2.R1011	ank(HMM:1.3e-05)
5584	410_1.R1011	ank(HMM:1.3e-13)

5585	543_33.R1011	ank(HMM:1.3e-16)
5586	117287_1.R1011	ank(HMM:1.4e-07)
5587	133011_1.R1011	ank(HMM:1.4e-07)
5588	4893_1.R1011	ank(HMM:1.4e-23)
5589	109900_1.R1011	ank(HMM:1.7e-08)
5590	LIB3150-043-Q1-N1-F3	ank(HMM:1.7e-12)
5591	182080_1.R1011	ank(HMM:1.7e-19)
5592	xjt700093366.h1	ank(HMM:1.8e-07)
5593	182080_2.R1011	ank(HMM:1.9e-21)
5594	56561_1.R1011	ank(HMM:1e-23)
5595	xjt700093477.h1	ank(HMM:2.1e-18)
5596	138593_1.R1011	ank(HMM:2.2e-08)
5597	40207_1.R1011	ank(HMM:2.5e-11)
5598	15021_2.R1011	ank(HMM:2.6e-20)
5599	2823_1.R1011	ank(HMM:2.6e-21)
5600	59015_1.R1011	ank(HMM:2.6e-29)
5601	153362_1.R1011	ank(HMM:2.7e-32)
5602	820_1.R1011	ank(HMM:2.7e-33)
5603	64217_1.R1011	ank(HMM:2e-20)
5604	35891_1.R1011	ank(HMM:2e-26)
5605	312551_1.R1011	ank(HMM:2e-29)
5606	237913_1.R1011	ank(HMM:3.3e-05)
5607	117462_1.R1011	ank(HMM:3.5e-05)
5608	hbs701184147.h1	ank(HMM:3.5e-11)
5609	uC-zmflb73093c09b2	ank(HMM:3.6e-11)
5610	148636_1.R1011	ank(HMM:3.7e-07)
5611	280157_1.R1011	ank(HMM:3.7e-09)
5612	135170_1.R1011	ank(HMM:3.9)
5613	xsy700212143.h1	ank(HMM:4.2e-06)
5614	13225_1.R1011	ank(HMM:4.2e-17)
5615	11923_1.R1011	ank(HMM:4.2e-19)
5616	42370_1.R1011	ank(HMM:4.3e-09)
5617	LIB3062-043-Q1-K1-G11	ank(HMM:4.3e-15)
5618	56078_1.R1011	ank(HMM:4.4e-47)
5619	LIB3079-055-Q1-K1-A7	ank(HMM:4.6e-05)
5620	LIB3150-064-P1-N1-E1	ank(HMM:4.6e-11)
5621	113335_1.R1011	ank(HMM:4.8e-08)
5622	12732_1.R1011	ank(HMM:4e-37)
5623	uC-zmflb73349e02a2	ank(HMM:5.3e-11)
5624	23293_1.R1011	ank(HMM:5.3e-36)
5625	xyt700344979.h1	ank(HMM:5.4e-11)
5626	zla700380073.h1	ank(HMM:5.5e-07)
5627	141967_1.R1011	ank(HMM:6.4e-32)
5628	211171_1.R1011	ank(HMM:6.7e-20)
5629	uC-zmflmo17339f04b1	ank(HMM:6.8e-05)
5630	gw1700614359.h1	ank(HMM:6e-15)
5631	166006_1.R1011	ank(HMM:7.7e-16)
5632	130820_1.R1011	ank(HMM:8.1e-07)
5633	45856_1.R1011	ank(HMM:8.3e-33)
5634	2823_2.R1011	ank(HMM:8.6e-13)
5635	uC-zmrob73012e01b1	ank(HMM:8e-09)
5636	qmh700030596.f1	ap2-domain(HMM:0.00022)
5637	xmt700262211.h1	ap2-domain(HMM:0.00024)
5638	uC-zmflmo17278e09b1	ap2-domain(HMM:0.00025)



5693	19319_1.R1011	ap2-domain(HMM:3.5e-09)
5694	fC-zmst700623908a1	ap2-domain(HMM:3.5e-48)
5695	18_5.R1011	ap2-domain(HMM:3.7)
5696	uC-zmflMo17092h11b1	ap2-domain(HMM:3.7e-05)
5697	282965_1.R1011	ap2-domain(HMM:3.7e-36)
5698	788_1.R1011	ap2-domain(HMM:3.7e-62)
5699	tfd700573489.h2	ap2-domain(HMM:3e-41)
5700	zla700380117.h1	ap2-domain(HMM:4.1)
5701	176781_1.R1011	ap2-domain(HMM:4.1e-14)
5702	vux700161592.h1	ap2-domain(HMM:4.2e-30)
5703	1134_2.R1011	ap2-domain(HMM:4.5e-56)
5704	122701_1.R1011	ap2-domain(HMM:4.6e-25)
5705	cjh700197716.h1	ap2-domain(HMM:4.8e-37)
5706	LIB3062-042-Q1-K1-A4	ap2-domain(HMM:5.1e-12)
5707	369_1.R1011	ap2-domain(HMM:5.1e-38)
5708	LIB3156-001-Q1-K1-H9	ap2-domain(HMM:5.3e-26)
5709	14954_1.R1011	ap2-domain(HMM:5.4e-33)
5710	42286_1.R1011	ap2-domain(HMM:5.6e-37)
5711	LIB3137-013-Q1-K1-H10	ap2-domain(HMM:7.2e-07)
5712	173_1.R1011	ap2-domain(HMM:7.2e-36)
5713	LIB3118-011-Q1-K1-B1	ap2-domain(HMM:7.5e-38)
5714	19862_1.R1011	ap2-domain(HMM:8.3e-39)
5715	154890_1.R1011	ap2-domain(HMM:9.5e-42)
5716	40836_1.R1011	ap2-domain(HMM:9.6e-37)
5717	22183_1.R1011	ap2-domain(HMM:9.8e-12)
5718	45015_1.R1011	ap2-domain(HMM:9.8e-41)
5719	LIB3180-047-P2-G3	arf(HMM:0.00018)
5720	295090_1.R1011	"arf(HMM:0.00071),b3(HMM:1.1e-05)"
5721	g5555419	arf(HMM:0.0015)
5722	uwc700152959.h1	"arf(HMM:0.0049),b3(HMM:2.2e-07)"
5723	uC-zmflb73175c11b1	arf(HMM:0.01)
5724	121418_1.R1011	"arf(HMM:1.1e-48),b3(HMM:1.2e-20)"
5725	123702_1.R1011	"arf(HMM:1.1e-49),b3(HMM:4.7e-37)"
5726	40180_2.R1011	"arf(HMM:1.1e-81),b3(HMM:1.1e-43)"
5727	35987_1.R1011	"arf(HMM:1.2e-07),b3(HMM:0.0015)"
5728	20840_1.R1011	"arf(HMM:1.2e-18),b3(HMM:4.3e-28)"
5729	59030_1.R1011	arf(HMM:1.2e-19)
5730	5125_1.R1011	"arf(HMM:1.3e-14),b3(HMM:4.8e-08)"
5731	fdz701158984.h2	"arf(HMM:1.3e-27),b3(HMM:0.085)"
5732	LIB3076-001-Q1-K1-D4	arf(HMM:1.4e-08)
5733	rvt700552571.h1	arf(HMM:1.4e-13)
5734	6146_1.R1011	"arf(HMM:1.4e-29),b3(HMM:4.7e-07),iaa(HMM:1.1e-36)"
5735	qmh700028591.f1	"arf(HMM:1.6),b3(HMM:0.0006



5736	gw1700613433.h1	4)"
5737	296401_1.R1011	arf(HMM:1.6e-17)
5738	LIB3068-003-Q1-K1-F5	arf(HMM:1.7e-09)
5739	90938_1.R1011	"arf(HMM:1.7e-12),b3(HMM:0.00011)"
5740	LIB3060-022-Q1-K1-E5	"arf(HMM:1.7e-15),iaa(HMM:3e-37)"
5741	uC-zmflmo17050f03b2	arf(HMM:1.9e-25)
5742	pmx700088108.h1	arf(HMM:2.2e-10)
5743	LIB3069-017-Q1-K1-C5	"arf(HMM:2.3e-10),b3(HMM:2e-24)"
5744	36737_1.R1011	"arf(HMM:2.5e-07),b3(HMM:4.2e-19)"
5745	xmt700260445.h1	arf(HMM:2.9e-17)
5746	pmx700087165.h1	arf(HMM:3.1e-15)
5747	5832_1.R1011	"arf(HMM:3.2e-19),b3(HMM:3.8e-08)"
5748	11840_1.R1011	"arf(HMM:3.2e-21),b3(HMM:0.11)"
5749	uC-zmrob73080h10b1	"arf(HMM:3.3e-83),b3(HMM:1.7e-16)"
5750	93228_1.R1011	arf(HMM:3.6e-05)
5751	45125_2.R1011	arf(HMM:3.9e-08)
5752	84957_1.R1011	arf(HMM:3.9e-33)
5753	167490_1.R1011	"arf(HMM:4.1e-226),b3(HMM:1.2e-53)"
5754	uC-zmroteosinte011c06b1	"arf(HMM:4.1e-84),b3(HMM:5e-29)"
5755	5206_1.R1011	arf(HMM:4.4)
5756	40180_1.R1011	"arf(HMM:4.5e-15),iaa(HMM:7.3e-42)"
5757	ymt700219207.h1	"arf(HMM:4.6e-18),b3(HMM:0.39)"
5758	nbm700473253.h1	arf(HMM:4.8e-07)
5759	93230_1.R1011	"arf(HMM:5.5e-05),b3(HMM:1.4e-14)"
5760	rvt700551414.h1	"arf(HMM:5.6e-42),b3(HMM:6.9e-05)"
5761	xjt700096660.h1	arf(HMM:5.7e-22)
5762	14342_1.R1011	arf(HMM:5e-14)
5763	118537_1.R1011	"arf(HMM:6.5e-21),iaa(HMM:1.6e-35)"
5764	xsy700212223.h1	"arf(HMM:6.9e-09),b3(HMM:0.00028)"
5765	uC-zmflmo17242d12b1	"arf(HMM:8.1),b3(HMM:2.2e-13)"
5766	4856_1.R1011	arf(HMM:8.2e-11)
5767	136361_1.R1011	arf(HMM:8.5e-13)
5768	28373_1.R1011	arf(HMM:8.7e-15)
5769	uC-zmflmo17187e06b1	"arf(HMM:8.8e-05),b3(HMM:1.2e-14)"
5770	uC-zmflmo17020c04b1	"arf(HMM:9.5e-13),b3(HMM:3.9e-34)"
		"arf(HMM:9.7e-



5816	pmx700090964.h1	bromodomain(HMM:2.8e-22)
5817	45171_1.R1011	bromodomain(HMM:4.7e-25)
5818	nwy700447086.h1	bromodomain(HMM:5.4e-14)
5819	77056_1.R1011	bromodomain(HMM:5e-07)
5820	66917_1.R1011	bromodomain(HMM:6.1e-29)
5821	6140_1.R1011	bromodomain(HMM:6.2e-31)
5822	58940_1.R1011	bromodomain(HMM:6.4e-12)
5823	wen700334517.h1	bromodomain(HMM:7.9)
5824	12516_1.R1011	bromodomain(HMM:9.5e-05)
5825	77258_1.R1011	bromodomain(HMM:9.8e-32)
5826	wen700332659.h1	bromodomain(HMM:9e-31)
5827	pmx700090579.h1	btb(HMM:0.00013)
5828	uC-zmflmo17309d06b1	btb(HMM:0.00014)
5829	94638_1.R1011	btb(HMM:0.00028)
5830	12580_1.R1011	btb(HMM:0.01)
5831	wyr700242203.h1	btb(HMM:0.023)
5832	LIB148-012-Q1-E1-E4	btb(HMM:0.039)
5833	79402_1.R1011	btb(HMM:0.083)
5834	5427_2.R1011	btb(HMM:0.18)
5835	24283_1.R1011	btb(HMM:1.2e-26)
5836	67288_1.R1011	btb(HMM:1.4)
5837	46942_1.R1011	btb(HMM:1.4e-28)
5838	56570_1.R1011	btb(HMM:1.5e-20)
5839	136749_1.R1011	btb(HMM:1.8e-08)
5840	230586_1.R1011	btb(HMM:1.8e-08)
5841	36908_1.R1011	btb(HMM:1.9e-20)
5842	vfk700404896.h1	btb(HMM:1e-05)
5843	qmh700028765.fl	btb(HMM:3.5)
5844	LIB189-031-Q1-E1-F6	btb(HMM:4.5e-17)
5845	117075_1.R1011	bzip(HMM:0.00045)
5846	19767_2.R1011	bzip(HMM:0.0012)
5847	g297019	bzip(HMM:0.0019)
5848	183787_1.R1011	bzip(HMM:0.0021)
5849	184_1.R1011	bzip(HMM:0.0023)
5850	19767_1.R1011	bzip(HMM:0.0029)
5851	796_1.R1011	bzip(HMM:0.0036)
5852	94067_1.R1011	bzip(HMM:0.0037)
5853	LIB3078-008-Q1-K1-A8	bzip(HMM:0.0046)
5854	80936_1.R1011	bzip(HMM:0.0058)
5855	80936_3.R1011	bzip(HMM:0.0058)
5856	66094_2.R1011	bzip(HMM:0.0073)
5857	fC-zmro700834891.fl	bzip(HMM:0.0084)
5858	996_1.R1011	bzip(HMM:0.0098)
5859	36566_1.R1011	bzip(HMM:0.011)
5860	uC-zmflb73142c04b1	bzip(HMM:0.011)
5861	2705_1.R1011	bzip(HMM:0.014)
5862	246805_1.R1011	bzip(HMM:0.015)
5863	xsy700217015.h1	bzip(HMM:0.031)
5864	31891_1.R1011	bzip(HMM:0.035)
5865	cyk700051876.fl	bzip(HMM:0.045)
5866	80936_4.R1011	bzip(HMM:0.053)
5867	168_1.R1011	bzip(HMM:0.074)
5868	1894_3.R1011	bzip(HMM:0.079)
5869	16253_1.R1011	bzip(HMM:0.11)

5870	uC-zmflmo17113b02b1	bzip(HMM:0.11)
5871	LIB83-001-Q1-E1-H6	bzip(HMM:0.17)
5872	26070_2.R1011	bzip(HMM:0.23)
5873	xyt700343308.h1	bzip(HMM:0.25)
5874	LIB3180-035-P2-M2-D10	bzip(HMM:0.42)
5875	80936_2.R1011	bzip(HMM:1)
5876	LIB3156-017-Q1-K1-B12	bzip(HMM:1.3)
5877	9912_2.R1011	bzip(HMM:1.3e-16)
5878	6292_1.R1011	bzip(HMM:1.4e-12)
5879	65710_1.R1011	bzip(HMM:1.4e-12)
5880	66302_1.R1011	bzip(HMM:1.5)
5881	559_1.R1011	bzip(HMM:1.5e-19)
5882	559_2.R1011	bzip(HMM:1.5e-19)
5883	69626_1.R1011	bzip(HMM:1.6e-21)
5884	11877_1.R1011	bzip(HMM:1.7)
5885	fC-zmro700807549a1	bzip(HMM:1.7e-15)
5886	uC-zmflmo17240b07b1	bzip(HMM:1.7e-16)
5887	uC-zmflmo17219e03b1	bzip(HMM:1.8e-05)
5888	174_1.R1011	bzip(HMM:1e-06)
5889	LIB3067-002-Q1-K1-D4	bzip(HMM:1e-08)
5890	76804_1.R1011	bzip(HMM:1e-09)
5891	35221_3.R1011	bzip(HMM:2.1e-12)
5892	19923_1.R1011	bzip(HMM:2.1e-15)
5893	30964_1.R1011	bzip(HMM:2.2e-13)
5894	3559_2.R1011	bzip(HMM:2.3e-06)
5895	875_1.R1011	bzip(HMM:2.4e-21)
5896	LIB3136-025-Q1-K1-G3	bzip(HMM:2.4e-21)
5897	795_1.R1011	bzip(HMM:2.6e-16)
5898	uC-zmroteosinte090c12b2	bzip(HMM:2.9e-10)
5899	11539_1.R1011	bzip(HMM:2.9e-11)
5900	149215_1.R1011	bzip(HMM:2e-05)
5901	LIB3136-008-Q1-K1-F12	bzip(HMM:2e-06)
5902	62007_1.R1011	bzip(HMM:2e-11)
5903	548_1.R1011	bzip(HMM:3e-17)
5904	495_1.R1011	bzip(HMM:4.5e-14)
5905	13140_1.R1011	bzip(HMM:4.9e-07)
5906	80158_1.R1011	bzip(HMM:5.1e-20)
5907	66094_1.R1011	bzip(HMM:5.3e-13)
5908	93670_1.R1011	bzip(HMM:5.4e-13)
5909	93670_2.R1011	bzip(HMM:5.4e-13)
5910	uC-zmflmo17086c07b1	bzip(HMM:5.4e-21)
5911	uC-zmflmo17023a04b1	bzip(HMM:5.8e-05)
5912	12102_1.R1011	bzip(HMM:6.6e-14)
5913	91750_1.R1011	bzip(HMM:6.8e-08)
5914	LIB3062-026-Q1-K1-D6	bzip(HMM:6.9e-21)
5915	171_1.R1011	bzip(HMM:7.1e-21)
5916	qmh700028533.fl	bzip(HMM:7.3e-18)
5917	111526_1.R1011	bzip(HMM:7.5e-12)
5918	9912_1.R1011	bzip(HMM:8.1e-17)
5919	78927_1.R1011	bzip(HMM:8.2)
5920	495_2.R1011	bzip(HMM:9.1e-15)
5921	uC-zmroteosinte106e02b2	bzip(HMM:9.3e-15)
5922	793_4.R1011	cbfd_nfyb_hmf(HMM:0.00056)
5923	cyk700048913.fl	cbfd_nfyb_hmf(HMM:0.0069)

5924	3683_1.R1011	cbfd_nfyb_hmf(HMM:0.1)
5925	LIB3076-053-Q1-E1-F1	cbfd_nfyb_hmf(HMM:1.1e-19)
5926	8110_2.R1011	cbfd_nfyb_hmf(HMM:1.5e-17)
5927	793_1.R1011	cbfd_nfyb_hmf(HMM:3.3e-37)
5928	LIB3066-048-Q1-K1-B3	cbfd_nfyb_hmf(HMM:3.3e-37)
5929	uC-zmflb73001e01b1	cbfd_nfyb_hmf(HMM:3.5e-06)
5930	25618_1.R1011	cbfd_nfyb_hmf(HMM:3.6e-27)
5931	13043_1.R1011	cbfd_nfyb_hmf(HMM:5.1e-29)
5932	LIB3059-019-Q1-K1-A3	cbfd_nfyb_hmf(HMM:5.9e-23)
5933	793_2.R1011	cbfd_nfyb_hmf(HMM:5e-39)
5934	uwc700154561.h1	cbfd_nfyb_hmf(HMM:6.4e-05)
5935	8110_1.R1011	cbfd_nfyb_hmf(HMM:6.8e-19)
5936	15049_1.R1011	cbfd_nfyb_hmf(HMM:6.9e-15)
5937	793_3.R1011	cbfd_nfyb_hmf(HMM:9.2e-38)
5938	g5108360	chromo(HMM:0.016)
5939	wty700168802.h1	chromo(HMM:0.02)
5940	123177_1.R1011	chromo(HMM:0.95)
5941	65108_1.R1011	chromo(HMM:2.3e-18)
5942	ceu700425120.h1	chromo(HMM:3.9e-05)
5943	LIB3070-015-Q1-N1-A3	csd(HMM:0.0019)
5944	uC-zmflmo17270b10b1	"csd(HMM:1.1),zf-cchc(HMM:0.77)"
5945	LIB3137-035-Q1-K1-C7	csd(HMM:1.1e-17)
5946	22575_1.R1011	"csd(HMM:2.8e-24),zf-cchc(HMM:7.5e-16)"
5947	LIB3180-013-P2-M1-D2	csd(HMM:5.5e-12)
5948	28942_1.R1011	csd(HMM:5e-22)
5949	LIB3180-003-P2-M1-G12	csd(HMM:8.3e-20)
5950	LIB3182-004-P2-M1-E8	csd(HMM:9.8e-24)
5951	LIB3159-016-Q1-K1-C5	dof(HMM:0.0053)
5952	726_1.R1011	dof(HMM:1.3e-34)
5953	119611_1.R1011	dof(HMM:1.3e-36)
5954	76636_1.R1011	dof(HMM:2.6e-35)
5955	uC-zmflmo17322b10b1	dof(HMM:2.7e-35)
5956	1164_1.R1011	dof(HMM:2.8e-36)
5957	348176_1.R1011	dof(HMM:2.9e-05)
5958	uC-zmflmo17300d10b1	dof(HMM:6.4e-12)
5959	725_1.R1011	dof(HMM:7e-32)
5960	789_1.R1011	dof(HMM:7e-33)
5961	36684_1.R1011	dof(HMM:8e-08)
5962	83493_1.R1011	dpb(HMM:0.00088)
5963	7415_3.R1011	dpb(HMM:0.0052)
5964	109657_1.R1011	dpb(HMM:0.012)
5965	17195_2.R1011	dpb(HMM:0.025)
5966	fxb700397533.h1	dpb(HMM:0.059)
5967	7415_2.R1011	dpb(HMM:0.07)
5968	42447_1.R1011	dpb(HMM:1.4)
5969	7415_4.R1011	dpb(HMM:1.5e-05)
5970	9825_2.R1011	dpb(HMM:1e-06)
5971	109498_1.R1011	dpb(HMM:3.4e-05)
5972	uC-zmflb73098h12b1	dpb(HMM:3.4e-07)
5973	LIB3137-040-Q1-K1-F12	dpb(HMM:3.6e-16)
5974	8830_1.R1011	dpb(HMM:3.7e-52)
5975	7415_1.R1011	dpb(HMM:3.9e-74)

5976	7415_5.R1011	dpb(HMM:4.5)
5977	8830_2.R1011	dpb(HMM:4.6e-17)
5978	9825_1.R1011	dpb(HMM:8.7e-10)
5979	uC-zmroteosinte053e10b2	enbp(HMM:0.00091)
5980	175089_1.R1011	enbp(HMM:0.23)
5981	xyt700343159.h1	enbp(HMM:1.4e-34)
5982	4_3.R1011	enbp(HMM:2.5e-05)
5983	25860_1.R1011	enbp(HMM:3.1e-26)
5984	uC-zmroteosinte038a09b1	enbp(HMM:3e-08)
5985	g4646558	enbp(HMM:3e-21)
5986	ceu700433052.h1	enbp(HMM:4.4e-06)
5987	rvt700551738.h1	enbp(HMM:4.4e-21)
5988	LIB3059-014-Q1-K1-D1	enbp(HMM:4.6e-06)
5989	uC-zmflmo17300a10b1	enbp(HMM:5.9e-21)
5990	90700_1.R1011	enbp(HMM:7.1e-15)
5991	LIB3115-030-P1-K1-C5	enbp(HMM:9.7e-21)
5992	xyt700344683.h1	gata(HMM:0.00021)
5993	5422_1.R1011	gata(HMM:0.0017)
5994	g5608102	gata(HMM:0.024)
5995	92655_1.R1011	gata(HMM:1.2e-15)
5996	g5439296	gata(HMM:1.6e-11)
5997	LIB3076-047-Q1-K1-G3	gata(HMM:1.7e-07)
5998	LIB3136-044-P1-K1-H10	gata(HMM:1.7e-15)
5999	uC-zmflb73054c10b1	gata(HMM:1e-09)
6000	1852_1.R1011	gata(HMM:3e-06)
6001	42120_1.R1011	gata(HMM:4.3e-08)
6002	42120_2.R1011	gata(HMM:4.3e-08)
6003	10646_1.R1011	gata(HMM:4.5e-15)
6004	362_1.R1011	gata(HMM:4.9e-15)
6005	ypc700804682.h1	gata(HMM:7.7e-06)
6006	LIB3180-020-P2-M1-D3	gata(HMM:9.6e-15)
6007	uC-zmflb73173h01b1	gld-tea(HMM:0.00013)
6008	dyk700105142.h1	gld-tea(HMM:0.00036)
6009	83829_1.R1011	gld-tea(HMM:0.00063)
6010	uC-zmflb73199e11b1	gld-tea(HMM:0.0042)
6011	LIB3070-013-Q1-N1-F11	gld-tea(HMM:0.0067)
6012	LIB3150-031-Q1-N1-H9	gld-tea(HMM:0.011)
6013	LIB3068-026-Q1-K1-C9	"gld-tea(HMM:0.013),myb_dna-binding(HMM:1.5e-11)"
6014	wyr700239235.h1	gld-tea(HMM:0.05)
6015	56327_1.R1011	gld-tea(HMM:0.087)
6016	111218_2.R1011	gld-tea(HMM:0.17)
6017	LIB3150-045-Q1-N1-E10	gld-tea(HMM:0.33)
6018	111218_1.R1011	gld-tea(HMM:0.64)
6019	11928_1.R1011	gld-tea(HMM:1.2e-31)
6020	g5740668	gld-tea(HMM:1.3e-29)
6021	106032_1.R1011	gld-tea(HMM:1.3e-30)
6022	9580_1.R1011	gld-tea(HMM:1.3e-36)
6023	uC-zmflb73195h02b1	gld-tea(HMM:1.8)
6024	9580_2.R1011	gld-tea(HMM:1.8e-31)
6025	g5607837	gld-tea(HMM:1e-28)
6026	233343_1.R1011	gld-tea(HMM:2.1e-17)
6027	63245_1.R1011	gld-tea(HMM:2.3e-19)
6028	LIB3136-049-Q1-K1-D5	gld-tea(HMM:3.1e-31)

6029	ypc700804994.h1	gld-tea(HMM:3.1e-34)
6030	22554_1.R1011	gld-tea(HMM:4.2e-29)
6031	127865_1.R1011	gld-tea(HMM:4.4e-30)
6032	wen700332259.h1	gld-tea(HMM:4.9e-07)
6033	wyr700239376.h1	gld-tea(HMM:5.4e-27)
6034	LIB3088-004-Q1-K1-A4	gld-tea(HMM:5.9e-12)
6035	15271_1.R1011	gld-tea(HMM:6.2e-24)
6036	yyf700349742.h1	gld-tea(HMM:8.3)
6037	117481_1.R1011	gld-tea(HMM:9.1e-36)
6038	12948_1.R1011	hhh(HMM:3.6e-05)
6039	1052_1.R1011	hhh(HMM:3e-08)
6040	1053_1.R1011	hhh(HMM:9.2e-07)
6041	dyk700102440.h1	hist_deacetyl(HMM:0.00015)
6042	uC-zmflmo17050g12b2	hist_deacetyl(HMM:0.00038)
6043	LIB3152-001-Q1-K1-B2	hist_deacetyl(HMM:1.1e-10)
6044	30591_1.R1011	hist_deacetyl(HMM:1.2e-146)
6045	ceu700432474.h1	hist_deacetyl(HMM:1.3)
6046	187025_1.R1011	hist_deacetyl(HMM:1.8e-10)
6047	200741_1.R1011	hist_deacetyl(HMM:1e-10)
6048	6786_1.R1011	hist_deacetyl(HMM:1e-37)
6049	1011_1.R1011	hist_deacetyl(HMM:2.2e-160)
6050	72749_1.R1011	hist_deacetyl(HMM:2.8e-51)
6051	cyk700047402.fl	hist_deacetyl(HMM:3.5e-15)
6052	rvl700454171.h1	hist_deacetyl(HMM:4.6e-11)
6053	994_1.R1011	hist_deacetyl(HMM:6e-181)
6054	304250_1.R1011	hist_deacetyl(HMM:8.9e-09)
6055	3274_1.R1011	hist_deacetyl(HMM:8.9e-123)
6056	LIB3150-049-Q1-N1-F11	hist_deacetyl(HMM:8e-10)
6057	g4804054	histone(HMM:0.00011)
6058	uwc700151004.h1	histone(HMM:0.00017)
6059	LIB3150-071-P1-N1-E2	histone(HMM:0.00023)
6060	xyt700343992.h1	histone(HMM:0.00027)
6061	LIB3279-011-P1-K1-F2	histone(HMM:0.00035)
6062	LIB3079-035-Q1-K1-D5	histone(HMM:0.00045)
6063	LIB3070-005-Q1-N1-G9	histone(HMM:0.0005)
6064	LIB3059-017-Q1-K1-H2	histone(HMM:0.00058)
6065	LIB3067-018-Q1-K1-F2	histone(HMM:0.00065)
6066	286579_1.R1011	histone(HMM:0.00069)
6067	LIB3150-075-P1-N1-G7	histone(HMM:0.00077)
6068	cat700021823.r1	histone(HMM:0.00083)
6069	865_21.R1011	histone(HMM:0.00084)
6070	yyf700348078.h1	histone(HMM:0.00086)
6071	LIB3150-083-P2-N2-D11	histone(HMM:0.00093)
6072	292487_1.R1011	histone(HMM:0.00099)
6073	cat700020406.r1	histone(HMM:0.0013)
6074	LIB3068-026-Q1-K1-F8	histone(HMM:0.0014)
6075	cjh700195179.h1	histone(HMM:0.0014)
6076	uC-zmflb73177e01b1	histone(HMM:0.002)
6077	g5688683	histone(HMM:0.0024)
6078	dyk700104373.h1	histone(HMM:0.0026)
6079	LIB3070-010-Q1-N1-H2	histone(HMM:0.003)
6080	LIB3150-029-Q1-N1-H11	histone(HMM:0.0032)
6081	LIB3088-050-Q1-K1-G10	histone(HMM:0.0035)
6082	wen700333394.h1	histone(HMM:0.0035)

6083	LIB3150-078-P2-N2-D8	histone(HMM:0.0037)
6084	pmx700085984.h1	histone(HMM:0.0041)
6085	LIB3150-002-Q1-N1-C10	histone(HMM:0.0045)
6086	LIB3067-004-Q1-K1-G12	histone(HMM:0.005)
6087	ymt700219717.h1	histone(HMM:0.005)
6088	g4630548	histone(HMM:0.0052)
6089	yyf700349869.h1	histone(HMM:0.0055)
6090	pmx700088257.h1	histone(HMM:0.007)
6091	cyk700052421.fl	histone(HMM:0.0074)
6092	xjt700094901.h1	histone(HMM:0.008)
6093	LIB3116-028-P1-K1-C8	histone(HMM:0.0091)
6094	LIB3088-041-Q1-K1-D8	histone(HMM:0.0097)
6095	LIB3078-019-Q1-K1-H11	histone(HMM:0.016)
6096	gwl700612741.h1	histone(HMM:0.016)
6097	LIB3088-044-Q1-K1-D2	histone(HMM:0.017)
6098	LIB3279-054-P1-K1-D6	histone(HMM:0.017)
6099	LIB3279-055-P1-K1-D2	histone(HMM:0.017)
6100	LIB3150-050-Q1-N1-E6	histone(HMM:0.018)
6101	LIB3158-017-Q1-K1-G9	histone(HMM:0.018)
6102	LIB3088-044-Q1-K1-B10	histone(HMM:0.02)
6103	rvt700553369.h1	histone(HMM:0.022)
6104	uC-zmflb73032h09b1	histone(HMM:0.022)
6105	338_9.R1011	histone(HMM:0.024)
6106	95_13.R1011	histone(HMM:0.025)
6107	LIB3070-014-Q1-N1-C4	histone(HMM:0.028)
6108	LIB148-064-Q1-E1-B9	histone(HMM:0.029)
6109	cat700019176.r1	histone(HMM:0.031)
6110	95_12.R1011	histone(HMM:0.033)
6111	nbm700477309.h1	histone(HMM:0.034)
6112	LIB3137-050-Q1-K1-B10	histone(HMM:0.037)
6113	cat700019288.r1	histone(HMM:0.042)
6114	pmx700089077.h1	histone(HMM:0.056)
6115	LIB84-022-Q1-E1-D1	histone(HMM:0.057)
6116	xmt700257966.h1	histone(HMM:0.062)
6117	LIB3078-038-Q1-K1-B2	histone(HMM:0.072)
6118	LIB143-057-Q1-E1-D9	histone(HMM:0.074)
6119	LIB3279-014-P1-K1-D8	histone(HMM:0.078)
6120	ckd700461156.h1	histone(HMM:0.078)
6121	95_9.R1011	histone(HMM:0.1)
6122	vux700158357.h1	histone(HMM:0.1)
6123	xjt700094748.h1	histone(HMM:0.1)
6124	cat700020560.r1	histone(HMM:0.11)
6125	dyk700103145.h1	histone(HMM:0.12)
6126	LIB3067-008-Q1-K1-H9	histone(HMM:0.13)
6127	wen700333417.h1	histone(HMM:0.14)
6128	95_22.R1011	histone(HMM:0.17)
6129	LIB3076-019-Q1-K1-A2	histone(HMM:0.17)
6130	LIB3150-081-P1-N1-G2	histone(HMM:0.2)
6131	95_17.R1011	histone(HMM:0.27)
6132	LIB3059-054-Q1-K1-B5	histone(HMM:0.3)
6133	qmh700027751.fl	histone(HMM:0.31)
6134	666_1.R1011	histone(HMM:0.37)
6135	LIB3279-011-P1-K1-H6	histone(HMM:0.4)
6136	LIB3150-043-Q1-N1-C10	histone(HMM:0.49)



6137	LIB3070-004-Q1-N1-G12	histone(HMM:0.5)
6138	LIB3088-044-Q1-K1-A3	histone(HMM:0.85)
6139	95_23.R1011	histone(HMM:0.93)
6140	LIB3088-011-Q1-K1-G7	histone(HMM:0.98)
6141	xyt700346501.h1	histone(HMM:0.99)
6142	757_37.R1011	histone(HMM:1.1)
6143	yd1700405355.h1	histone(HMM:1.1e-05)
6144	LIB3067-056-Q1-K1-F12	histone(HMM:1.1e-07)
6145	LIB3150-054-Q1-N1-G11	histone(HMM:1.1e-16)
6146	yyf700349182.h1	histone(HMM:1.1e-16)
6147	LIB3088-042-Q1-K1-B9	histone(HMM:1.1e-20)
6148	LIB3150-032-Q1-N1-G3	histone(HMM:1.1e-30)
6149	g5268737	histone(HMM:1.1e-37)
6150	286749_1.R1011	histone(HMM:1.1e-42)
6151	757_11.R1011	histone(HMM:1.1e-47)
6152	LIB3279-005-P1-K1-B7	histone(HMM:1.2e-05)
6153	xyt700343350.h1	histone(HMM:1.2e-08)
6154	rvi700454901.h1	histone(HMM:1.2e-11)
6155	LIB3070-004-Q1-N1-E3	histone(HMM:1.2e-13)
6156	g3341056	histone(HMM:1.2e-13)
6157	LIB3150-052-Q1-N1-B2	histone(HMM:1.2e-21)
6158	865_3.R1011	histone(HMM:1.2e-51)
6159	pmx700085523.h1	histone(HMM:1.3e-06)
6160	wyr700244484.h1	histone(HMM:1.3e-06)
6161	hvj700619851.h1	histone(HMM:1.3e-08)
6162	LIB3076-046-Q1-K1-H11	histone(HMM:1.3e-11)
6163	LIB3180-038-P2-M2-C6	histone(HMM:1.3e-14)
6164	uC-zmflb73163d03a1	histone(HMM:1.3e-26)
6165	757_6.R1011	histone(HMM:1.3e-45)
6166	uC-zmflb73359g07a2	histone(HMM:1.4e-06)
6167	uwc700153036.h1	histone(HMM:1.4e-07)
6168	mwy700442376.h1	histone(HMM:1.4e-08)
6169	LIB3137-005-Q1-K1-B9	histone(HMM:1.4e-11)
6170	uC-zmroteosinte099g08b2	histone(HMM:1.4e-16)
6171	1672_2.R1011	histone(HMM:1.4e-43)
6172	LIB3076-042-Q1-K1-H11	histone(HMM:1.5e-10)
6173	g3341140	histone(HMM:1.5e-24)
6174	338_13.R1011	histone(HMM:1.5e-34)
6175	16775_1.R1011	histone(HMM:1.5e-49)
6176	25582_1.R1011	histone(HMM:1.5e-49)
6177	LIB3150-108-P2-K1-D1	histone(HMM:1.6e-08)
6178	LIB3067-019-Q1-K1-C10	"histone(HMM:1.6e-10),zf-nf-x1(HMM:1.1)"
6179	pmx700082311.h1	histone(HMM:1.6e-11)
6180	LIB3070-012-Q1-N1-A8	histone(HMM:1.6e-18)
6181	757_8.R1011	histone(HMM:1.6e-46)
6182	865_1.R1011	histone(HMM:1.6e-52)
6183	LIB143-037-Q1-E1-H1	histone(HMM:1.7e-05)
6184	LIB3150-040-Q1-N1-A10	histone(HMM:1.7e-05)
6185	ckd700461256.h1	histone(HMM:1.7e-05)
6186	LIB3156-011-Q1-K1-C2	histone(HMM:1.7e-06)
6187	41834_1.R1011	histone(HMM:1.7e-07)
6188	LIB3150-064-P1-N1-A5	histone(HMM:1.7e-17)
6189	LIB3150-035-Q1-N1-E2	histone(HMM:1.7e-30)

6190	uC-zmroteosinte051e09b2	histone(HMM:1.7e-46)
6191	757_3.R1011	histone(HMM:1.7e-47)
6192	xmt700256940.h1	histone(HMM:1.8e-06)
6193	yyf700352343.h1	histone(HMM:1.8e-14)
6194	uC-zmflb73306e04b1	histone(HMM:1.8e-18)
6195	865_10.R1011	histone(HMM:1.8e-26)
6196	uC-zmroteosinte059e07b1	histone(HMM:1.8e-32)
6197	757_32.R1011	histone(HMM:1.9e-06)
6198	pmx700083528.h1	histone(HMM:1.9e-06)
6199	LIB3059-042-Q1-K1-F2	histone(HMM:1.9e-08)
6200	LIB3067-014-Q1-K1-D10	histone(HMM:1.9e-08)
6201	cat700021164.r1	histone(HMM:1.9e-08)
6202	ymt700224008.h1	histone(HMM:1.9e-13)
6203	LIB3150-016-Q1-N1-G3	histone(HMM:1.9e-14)
6204	LIB3279-011-P1-K1-H2	histone(HMM:1.9e-16)
6205	hvj700618938.h1	histone(HMM:1.9e-17)
6206	g3341036	histone(HMM:1.9e-41)
6207	g5268911	histone(HMM:1.9e-46)
6208	xsy700214625.h1	histone(HMM:1e-05)
6209	xsy700214976.h1	histone(HMM:1e-07)
6210	338_17.R1011	histone(HMM:1e-10)
6211	LIB3088-046-Q1-K1-H2	histone(HMM:1e-11)
6212	338_12.R1011	histone(HMM:1e-29)
6213	LIB3279-010-P1-K1-E6	histone(HMM:1e-32)
6214	15994_1.R1011	histone(HMM:1e-49)
6215	wyr700235659.h1	histone(HMM:2.1)
6216	865_17.R1011	histone(HMM:2.1e-10)
6217	LIB3062-034-Q1-K1-D11	histone(HMM:2.1e-10)
6218	338_2.R1011	histone(HMM:2.1e-12)
6219	338_4.R1011	histone(HMM:2.1e-15)
6220	757_46.R1011	histone(HMM:2.1e-16)
6221	95_6.R1011	histone(HMM:2.1e-18)
6222	g3341043	histone(HMM:2.1e-37)
6223	865_6.R1011	histone(HMM:2.1e-51)
6224	LIB3150-038-Q1-N1-C5	histone(HMM:2.2e-07)
6225	xmt700257310.h1	histone(HMM:2.2e-07)
6226	xyt700344851.h1	histone(HMM:2.2e-07)
6227	7649_2.R1011	histone(HMM:2.2e-09)
6228	LIB3076-024-Q1-K1-B7	histone(HMM:2.2e-43)
6229	1792_2.R1011	histone(HMM:2.2e-46)
6230	757_17.R1011	histone(HMM:2.2e-48)
6231	uer700584138.h1	histone(HMM:2.3e-07)
6232	LIB3150-052-Q1-N1-G11	histone(HMM:2.3e-12)
6233	757_42.R1011	histone(HMM:2.3e-40)
6234	qmh700029402.f1	histone(HMM:2.4)
6235	LIB3069-011-Q1-K1-F6	histone(HMM:2.4e-05)
6236	LIB3076-005-Q1-K1-D5	histone(HMM:2.4e-07)
6237	LIB3079-036-Q1-K1-D4	histone(HMM:2.4e-10)
6238	g4776119	histone(HMM:2.4e-14)
6239	LIB3137-005-Q1-K1-G10	histone(HMM:2.4e-19)
6240	865_4.R1011	histone(HMM:2.4e-50)
6241	757_20.R1011	histone(HMM:2.5e-07)
6242	LIB3067-042-Q1-K1-B11	histone(HMM:2.5e-17)
6243	LIB3150-107-P1-N1-B4	histone(HMM:2.5e-18)

6244	LIB3137-016-Q1-K1-H12	histone(HMM:2.6)
6245	2026_7.R1011	histone(HMM:2.6e-10)
6246	yyf700347416.h1	histone(HMM:2.6e-20)
6247	1792_1.R1011	histone(HMM:2.6e-46)
6248	338_3.R1011	histone(HMM:2.6e-46)
6249	338_7.R1011	histone(HMM:2.6e-46)
6250	8267_1.R1011	histone(HMM:2.6e-46)
6251	LIB3153-005-Q1-K1-H1	histone(HMM:2.7e-10)
6252	LIB143-049-Q1-E1-H1	histone(HMM:2.7e-11)
6253	LIB3088-049-Q1-K1-A5	histone(HMM:2.7e-14)
6254	338_1.R1011	histone(HMM:2.7e-45)
6255	16775_2.R1011	histone(HMM:2.7e-49)
6256	LIB3078-052-Q1-K1-H1	histone(HMM:2.8e-09)
6257	LIB3150-013-Q1-N1-B10	histone(HMM:2.8e-09)
6258	LIB36-021-Q1-E1-G2	histone(HMM:2.8e-09)
6259	LIB3067-013-Q1-K1-B1	histone(HMM:2.8e-10)
6260	LIB3069-049-Q1-K1-E1	histone(HMM:2.8e-13)
6261	757_15.R1011	histone(HMM:2.8e-14)
6262	LIB3137-005-Q1-K1-A12	histone(HMM:2.8e-23)
6263	757_2.R1011	histone(HMM:2.8e-46)
6264	LIB3279-059-P1-K1-H8	histone(HMM:2.9e-06)
6265	cat700017931.r1	histone(HMM:2e-06)
6266	LIB3067-001-Q1-K1-A4	histone(HMM:2e-11)
6267	pwr700449415.h1	histone(HMM:2e-11)
6268	uC-zmflb73006d03b1	histone(HMM:2e-20)
6269	wty700164347.h1	histone(HMM:3.1e-09)
6270	dyk700105350.h1	histone(HMM:3.2e-06)
6271	cat700020669.r1	histone(HMM:3.2e-07)
6272	757_44.R1011	histone(HMM:3.2e-28)
6273	865_2.R1011	histone(HMM:3.2e-51)
6274	865_7.R1011	histone(HMM:3.2e-51)
6275	865_8.R1011	histone(HMM:3.2e-51)
6276	uwc700150016.h1	histone(HMM:3.3e-06)
6277	ceu700426183.h1	histone(HMM:3.3e-10)
6278	865_23.R1011	histone(HMM:3.3e-17)
6279	g5058937	histone(HMM:3.4e-22)
6280	6594_1.R1011	histone(HMM:3.4e-49)
6281	LIB3076-004-Q1-K1-D1	"histone(HMM:3.4e-49),phd(HMM:0.11)"
6282	15342_1.R1011	histone(HMM:3.5e-15)
6283	g5713880	histone(HMM:3.5e-24)
6284	757_5.R1011	histone(HMM:3.5e-46)
6285	338_26.R1011	histone(HMM:3.6e-08)
6286	LIB3079-053-Q1-K1-D2	histone(HMM:3.6e-14)
6287	95_10.R1011	histone(HMM:3.6e-15)
6288	757_36.R1011	histone(HMM:3.6e-25)
6289	60399_1.R1011	histone(HMM:3.7e-11)
6290	uC-zmflb73018h09b1	histone(HMM:3.7e-45)
6291	757_14.R1011	histone(HMM:3.7e-47)
6292	tzuz700206634.h1	histone(HMM:3.8e-07)
6293	pwr700453322.h1	histone(HMM:3.8e-11)
6294	ntr700073403.h1	histone(HMM:3.8e-14)
6295	757_25.R1011	histone(HMM:3.8e-41)
6296	666_5.R1011	histone(HMM:3.8e-44)

6297	LIB3088-009-Q1-K1-G8	histone(HMM:3.9e-12)
6298	LIB3279-013-P1-K1-H3	histone(HMM:3.9e-23)
6299	LIB3070-014-Q1-N1-C11	histone(HMM:3e-07)
6300	95_8.R1011	histone(HMM:4.1e-18)
6301	LIB3150-075-P1-N1-F7	histone(HMM:4.2e-09)
6302	LIB3059-047-Q1-K1-H1	histone(HMM:4.2e-17)
6303	uC-zmflb73193g04b1	histone(HMM:4.2e-29)
6304	757_16.R1011	histone(HMM:4.3e-47)
6305	zla700380212.h1	histone(HMM:4.4)
6306	dyk700106733.h1	histone(HMM:4.4e-06)
6307	LIB3088-050-Q1-K1-C2	histone(HMM:4.4e-07)
6308	vux700160627.h1	histone(HMM:4.4e-11)
6309	865_16.R1011	histone(HMM:4.4e-15)
6310	ntr700074528.h1	histone(HMM:4.5e-37)
6311	g5268696	histone(HMM:4.5e-40)
6312	757_12.R1011	histone(HMM:4.5e-46)
6313	vux700158183.h1	histone(HMM:4.6e-05)
6314	uC-zmflB73025e02b2	histone(HMM:4.6e-11)
6315	LIB3153-005-Q1-K1-B5	histone(HMM:4.7e-05)
6316	yyf700349642.h1	histone(HMM:4.7e-07)
6317	qmh700028985.fl	histone(HMM:4.7e-11)
6318	757_7.R1011	histone(HMM:4.7e-46)
6319	uC-zmflmo170114e10b1	histone(HMM:4.8e-44)
6320	95_11.R1011	histone(HMM:4.9e-08)
6321	LIB3070-005-Q1-N1-B3	histone(HMM:4.9e-13)
6322	LIB3076-044-Q1-K1-G3	histone(HMM:4e-05)
6323	338_16.R1011	histone(HMM:4e-06)
6324	xmt700261612.h1	histone(HMM:4e-06)
6325	LIB3088-003-Q1-K1-A3	histone(HMM:4e-18)
6326	uC-zmflmo17336b11b1	histone(HMM:4e-34)
6327	865_9.R1011	histone(HMM:4e-42)
6328	1672_1.R1011	histone(HMM:4e-45)
6329	wty700172957.h1	histone(HMM:5.1e-07)
6330	g3341197	histone(HMM:5.1e-08)
6331	865_12.R1011	histone(HMM:5.1e-23)
6332	354331_1.R1011	histone(HMM:5.2e-05)
6333	LIB148-002-Q1-E1-B12	histone(HMM:5.2e-08)
6334	LIB3076-021-Q1-K1-F8	histone(HMM:5.2e-37)
6335	pmx700088709.h1	histone(HMM:5.3e-07)
6336	xyt700346422.h1	histone(HMM:5.3e-13)
6337	865_14.R1011	histone(HMM:5.3e-49)
6338	LIB3180-060-P2-M1-H6	histone(HMM:5.6e-06)
6339	LIB3279-051-P1-K1-C7	histone(HMM:5.6e-06)
6340	hvj700621760.h1	histone(HMM:5.6e-06)
6341	LIB3078-007-Q1-K1-F11	histone(HMM:5.6e-11)
6342	gwl700613664.h1	histone(HMM:5.6e-12)
6343	uC-zmflb73178a01b1	histone(HMM:5.6e-14)
6344	uC-zmroteosinte102h01b2	histone(HMM:5.6e-21)
6345	cyk700051888.fl	histone(HMM:5.7e-06)
6346	757_29.R1011	histone(HMM:5.7e-11)
6347	g3340926	histone(HMM:5.8e-05)
6348	tfd700572124.h1	histone(HMM:5.8e-11)
6349	kem700610759.h1	histone(HMM:5.9e-10)
6350	zla700379678.h1	histone(HMM:5.9e-11)

6351	LIB3150-112-P2-K1-C2	histone(HMM:5e-07)
6352	g3341037	histone(HMM:5e-20)
6353	g3341089	histone(HMM:6.1e-07)
6354	tfd700569151.h1	histone(HMM:6.1e-12)
6355	LIB143-063-Q1-E1-D12	histone(HMM:6.1e-16)
6356	xsy700214944.h1	histone(HMM:6.3e-06)
6357	zla700380613.h1	histone(HMM:6.3e-11)
6358	LIB3180-019-P2-M1-B1	histone(HMM:6.3e-17)
6359	757_40.R1011	histone(HMM:6.4e-21)
6360	gwl700618137.h1	histone(HMM:6.5e-07)
6361	LIB3116-025-P1-K2-F8	histone(HMM:6.6)
6362	LIB3088-036-Q1-K1-H8	histone(HMM:6.6e-06)
6363	LIB3069-003-Q1-K1-G4	histone(HMM:6.6e-10)
6364	g3341079	histone(HMM:6.6e-35)
6365	g548036	histone(HMM:6.7e-14)
6366	757_18.R1011	histone(HMM:6.7e-34)
6367	LIB3070-010-Q1-N1-G7	histone(HMM:6.8e-06)
6368	cat700016831.r2	histone(HMM:6.9e-15)
6369	uC-zmroteosinte030d12b1	histone(HMM:6.9e-16)
6370	LIB3059-049-Q1-K1-E4	histone(HMM:6.9e-29)
6371	LIB3076-029-Q1-K1-F10	histone(HMM:6.9e-30)
6372	g3341041	histone(HMM:6.9e-45)
6373	LIB3088-011-Q1-K1-D5	histone(HMM:7.1e-09)
6374	95_21.R1011	histone(HMM:7.2)
6375	757_19.R1011	histone(HMM:7.2e-42)
6376	338_10.R1011	histone(HMM:7.3e-41)
6377	338_22.R1011	histone(HMM:7.3e-44)
6378	1672_5.R1011	histone(HMM:7.4e-12)
6379	LIB3069-035-Q1-K1-E2	histone(HMM:7.5)
6380	338_8.R1011	histone(HMM:7.5e-09)
6381	LIB143-046-Q1-E1-C10	histone(HMM:7.6e-13)
6382	338_6.R1011	histone(HMM:7.6e-46)
6383	LIB3076-004-Q1-K1-A11	histone(HMM:7.9e-06)
6384	wyr700238913.h1	histone(HMM:7.9e-07)
6385	hvj700619294.h1	histone(HMM:7.9e-08)
6386	338_23.R1011	histone(HMM:7.9e-44)
6387	15544_1.R1011	histone(HMM:7e-20)
6388	g5650399	histone(HMM:8.1e-15)
6389	1166_2.R1011	histone(HMM:8.1e-51)
6390	1677_1.R1011	histone(HMM:8.1e-51)
6391	qmh700027322.fl	histone(HMM:8.3e-07)
6392	757_1.R1011	histone(HMM:8.3e-47)
6393	uC-zmflB73112h02b2	histone(HMM:8.4e-08)
6394	uC-zmflmo17297e08b1	histone(HMM:8.4e-37)
6395	LIB3137-005-Q1-K1-G9	histone(HMM:8.6e-07)
6396	pmx700088408.h1	histone(HMM:8.6e-07)
6397	pmx700086025.h1	histone(HMM:8.7e-05)
6398	1672_8.R1011	histone(HMM:8.7e-09)
6399	LIB3076-018-Q1-K1-E6	histone(HMM:8.7e-11)
6400	LIB3067-046-Q1-K1-H9	histone(HMM:8.7e-12)
6401	865_5.R1011	histone(HMM:8.7e-52)
6402	LIB3062-027-Q1-K1-E12	histone(HMM:8.9e-05)
6403	LIB3069-008-Q1-K1-A11	histone(HMM:8.9e-09)
6404	5857_1.R1011	histone(HMM:8e-07)

uC-zmrob73075d01b1  
LIB3116-025-P1-K1-F8  
LIB3069-048-Q1-K1-A1  
865\_13.R1011  
LIB3279-004-P1-K1-H7  
6074\_1.R1011  
g4572905  
LIB3079-041-Q1-K1-C3  
338\_14.R1011  
338\_5.R1011  
uC-zmflb73028d10b1  
uC-zmflb73306e05b1  
tzu700205503.h1  
wty700168638.h1  
pmx700085722.h1  
7914\_1.R1011  
9442\_2.R1011  
uC-zmflb73012g11b1  
245026\_1.R1011  
40548\_1.R1011  
80197\_1.R1011  
133275\_1.R1011  
fdz701165182.h1  
133245\_1.R1011  
wyr700237155.h1  
14440\_1.R1011  
214046\_1.R1011  
10605\_1.R1011  
106370\_1.R1011  
cat700021841.r1  
uC-zmflb73002a04b1  
104405\_1.R1011  
78856\_2.R1011  
qmh700028639.fl  
LIB3067-055-Q1-K1-E3  
g4887525  
fwa700100255.h1  
nbm700468724.h1  
uC-zmflb73099d02b1  
155010\_1.R1011  
11328\_1.R1011  
uC-zmflmo17131c08a1  
9274\_1.R1011  
LIB3156-002-Q1-K1-A12  
246596\_1.R1011  
42580\_1.R1011  
11613\_1.R1011  
47991\_1.R1011  
xyt700342458.h1  
324352\_1.R1011  
tzu700206189.h1  
45993\_1.R1011  
277222\_1.R1011  
165141\_1.R1011

histone(HMM:8e-14)  
histone(HMM:9.3)  
histone(HMM:9.3e-33)  
histone(HMM:9.6e-13)  
histone(HMM:9.7e-09)  
histone(HMM:9.7e-51)  
histone(HMM:9.8)  
histone(HMM:9.8e-09)  
histone(HMM:9.9e-47)  
histone(HMM:9.9e-47)  
histone(HMM:9.9e-47)  
histone(HMM:9e-09)  
histone(HMM:9e-12)  
hlh(HMM:0.00026)  
hlh(HMM:0.00033)  
hlh(HMM:0.0056)  
hlh(HMM:0.013)  
hlh(HMM:0.013)  
hlh(HMM:0.02)  
hlh(HMM:0.034)  
hlh(HMM:0.036)  
hlh(HMM:0.041)  
hlh(HMM:0.046)  
hlh(HMM:0.048)  
hlh(HMM:0.049)  
hlh(HMM:0.052)  
hlh(HMM:0.058)  
hlh(HMM:0.063)  
hlh(HMM:0.063)  
hlh(HMM:0.076)  
hlh(HMM:0.076)  
hlh(HMM:0.084)  
hlh(HMM:0.086)  
hlh(HMM:0.089)  
hlh(HMM:0.099)  
hlh(HMM:0.11)  
hlh(HMM:0.31)  
hlh(HMM:0.69)  
hlh(HMM:0.74)  
hlh(HMM:1.1e-12)  
hlh(HMM:1.5e-07)  
hlh(HMM:1.5e-12)  
hlh(HMM:1.7e-09)  
hlh(HMM:1.8)  
hlh(HMM:1.9e-09)  
hlh(HMM:1.9e-12)  
hlh(HMM:1e-05)  
hlh(HMM:1e-09)  
hlh(HMM:2.1e-06)  
hlh(HMM:2.1e-09)  
hlh(HMM:2.1e-13)  
hlh(HMM:2e-16)  
hlh(HMM:3.3e-09)  
hlh(HMM:3.4e-10)

6459	593_1.R1011	hlh(HMM:3.6e-14)
6460	593_2.R1011	hlh(HMM:3.6e-14)
6461	1032_1.R1011	hlh(HMM:5.2e-15)
6462	LIB3088-037-Q1-K1-E11	hlh(HMM:5.9e-05)
6463	g22194	hlh(HMM:6.3e-16)
6464	5983_1.R1011	hlh(HMM:6.8e-12)
6465	158887_1.R1011	hlh(HMM:6.9e-11)
6466	68023_1.R1011	hlh(HMM:7.7e-09)
6467	LIB3069-006-Q1-K1-C11	hlh(HMM:8.5e-16)
6468	22182_1.R1011	hlh(HMM:8.9e-06)
6469	6061_1.R1011	hlh(HMM:9.4e-07)
6470	uwc700155775.h1	hlh(HMM:9.5e-06)
6471	104151_1.R1011	hlh(HMM:9.9e-09)
6472	LIB3150-079-P1-N1-E3	hlh_e2f(1.4e-30)
6473	LIB3076-014-Q1-K1-C4	hlh_e2f(7.3e-06)
6474	LIB143-063-Q1-E1-G12	hmg_box(HMM:0.0017)
6475	xjt700092660.h1	hmg_box(HMM:0.0018)
6476	xsy700213026.h1	hmg_box(HMM:0.0018)
6477	uC-zmflmol7218b08a1	hmg_box(HMM:0.0019)
6478	gct701170728.h1	hmg_box(HMM:0.013)
6479	1116_2.R1011	hmg_box(HMM:0.02)
6480	zuv700354730.h1	hmg_box(HMM:0.089)
6481	LIB3059-029-Q1-K1-B11	hmg_box(HMM:0.15)
6482	uwc700155406.h1	hmg_box(HMM:0.23)
6483	hvj700620934.h1	hmg_box(HMM:0.54)
6484	52173_1.R1011	hmg_box(HMM:0.59)
6485	16250_1.R1011	hmg_box(HMM:1.2e-24)
6486	34113_1.R1011	hmg_box(HMM:1.4e-06)
6487	rvl700457875.h1	hmg_box(HMM:1.5e-15)
6488	201269_2.R1011	hmg_box(HMM:1.5e-19)
6489	762_3.R1011	hmg_box(HMM:1.6e-18)
6490	2748_1.R1011	hmg_box(HMM:1.8e-18)
6491	762_1.R1011	hmg_box(HMM:1.9e-29)
6492	LIB3150-071-P1-N1-H11	hmg_box(HMM:2.1e-07)
6493	34113_2.R1011	hmg_box(HMM:2.1e-20)
6494	LIB3151-003-Q1-K1-E11	hmg_box(HMM:2.6e-06)
6495	33323_1.R1011	hmg_box(HMM:2.6e-20)
6496	8194_1.R1011	hmg_box(HMM:3.2e-26)
6497	uC-zmflb73040a04b1	hmg_box(HMM:3e-27)
6498	uC-zmroteosinte068b05b1	hmg_box(HMM:4.3e-12)
6499	yyf700348989.h1	hmg_box(HMM:4.4e-28)
6500	rvt700552318.h1	hmg_box(HMM:4.6)
6501	763_1.R1011	hmg_box(HMM:5.1e-30)
6502	xyt700346708.h1	hmg_box(HMM:5.1e-30)
6503	760_4.R1011	hmg_box(HMM:5.6e-29)
6504	LIB3076-007-Q1-K1-H11	hmg_box(HMM:6.1e-21)
6505	763_5.R1011	hmg_box(HMM:6.5e-27)
6506	LIB3067-045-Q1-K1-C4	hmg_box(HMM:6.9e-24)
6507	762_4.R1011	hmg_box(HMM:7.8e-27)
6508	1116_1.R1011	hmg_box(HMM:8.1e-13)
6509	760_1.R1011	hmg_box(HMM:8.5e-29)
6510	201269_1.R1011	hmg_box(HMM:8.6e-10)
6511	388_11.R1011	homeobox(HMM:0.00014)
6512	780_1.R1011	"homeobox(HMM:0.00043),hom

		eobox_knox3(1.5e-34)"
6513	33684_1.R1011	"homeobox(HMM:0.00058),homeobox_knox3(5.6e-10)"
6514	135329_1.R1011	"homeobox(HMM:0.001),homeobox_knox3(4.6e-34)"
6515	206382_1.R1011	"homeobox(HMM:0.0019),homeobox_knox3(1.4e-11),homeobox_mat(0.0002)"
6516	uC-zmflb73084b12b2	"homeobox(HMM:0.0031),homeobox_knox3(5.6e-13)"
6517	175_1.R1011	homeobox(HMM:0.0032)
6518	LIB3066-028-Q1-K1-E9	homeobox(HMM:0.0033)
6519	uC-zmflmo17306a12b1	homeobox(HMM:0.0033)
6520	17_1.R1011	"homeobox(HMM:0.0056),phd(HMM:1.2e-11)"
6521	LIB3137-018-Q1-K1-B10	homeobox(HMM:0.0071)
6522	154608_1.R1011	"homeobox(HMM:0.0081),homeobox_knox3(5.6e-12)"
6523	LIB3067-032-Q1-K1-F8	"homeobox(HMM:0.0085),homeobox_knox3(2.0e-12)"
6524	55031_1.R1011	homeobox(HMM:0.01)
6525	ymt700219170.h1	"homeobox(HMM:0.014),homeobox_knox3(9.3e-13),homeobox_mat(8.1e-05)"
6526	8191_1.R1011	"homeobox(HMM:0.016),homeobox_knox3(2.6e-22)"
6527	uC-zmflmo17364h11a1	"homeobox(HMM:0.017),homeobox_knox3(4.3e-13)"
6528	62412_1.R1011	"homeobox(HMM:0.017),homeobox_knox3(5.9e-12)"
6529	93311_1.R1011	"homeobox(HMM:0.022),homeobox_knox3(3.2e-22)"
6530	wyr700241308.h1	"homeobox(HMM:0.031),homeobox_knox3(9.2e-08)"
6531	69814_2.R1011	homeobox(HMM:0.062)
6532	7310_1.R1011	"homeobox(HMM:0.094),homeobox_knox3(3.5e-09)"
6533	25970_1.R1011	"homeobox(HMM:0.1),homeobox_knox3(2.7e-20)"
6534	LIB3066-043-Q1-K1-D10	homeobox(HMM:0.26)
6535	uC-zmflMo17002e04b1	homeobox(HMM:0.29)
6536	uC-zmflb73252d04b3	homeobox(HMM:0.29)
6537	LIB3062-052-Q1-K1-B9	homeobox(HMM:1)
6538	388_3.R1011	homeobox(HMM:1.4e-19)
6539	388_2.R1011	homeobox(HMM:1.4e-20)
6540	fC-zmfl700549125f3	homeobox(HMM:1.5)
6541	128072_1.R1011	homeobox(HMM:1.7e-18)
6542	388_4.R1011	homeobox(HMM:1.8e-17)
6543	LIB3136-018-Q1-K1-F8	homeobox(HMM:1.9)
6544	766_2.R1011	"homeobox(HMM:1.9e-12),phd(HMM:2.7e-15)"
6545	uC-zmflB73007b08b1	homeobox(HMM:1.9e-18)
6546	388_1.R1011	homeobox(HMM:1.9e-19)
6547	1067_1.R1011	"homeobox(HMM:2.4e-





6595	42794_1.R1011	iaa(HMM:0.00071)
6596	uC-zmflmo17165a04b1	iaa(HMM:0.00097)
6597	clt700042216.fl	iaa(HMM:0.0013)
6598	287224_1.R1011	iaa(HMM:0.0019)
6599	zuv700352703.h1	iaa(HMM:0.0019)
6600	60067_2.R1011	iaa(HMM:0.002)
6601	LIB3279-055-P1-K1-A1	iaa(HMM:0.0021)
6602	LIB3067-052-Q1-K1-G7	iaa(HMM:0.0022)
6603	uC-zmflb73301e09a1	iaa(HMM:0.0023)
6604	uC-zmroteosinte076h10b2	iaa(HMM:0.0025)
6605	90938_2.R1011	iaa(HMM:0.0042)
6606	uC-zmroteosinte058a11b2	iaa(HMM:0.0046)
6607	27519_1.R1011	iaa(HMM:0.0048)
6608	pwr700450469.h1	iaa(HMM:0.0048)
6609	uC-zmromo17026d01a1	iaa(HMM:0.0073)
6610	qmh700029447.fl	iaa(HMM:0.0079)
6611	89902_1.R1011	iaa(HMM:0.0086)
6612	dyk700102340.h1	iaa(HMM:0.014)
6613	273602_2.R1011	iaa(HMM:0.041)
6614	LIB3062-009-Q1-K1-H9	iaa(HMM:0.048)
6615	LIB3156-001-Q1-K1-D9	iaa(HMM:0.06)
6616	nwy700445770.h1	iaa(HMM:0.067)
6617	xmt700262053.h1	iaa(HMM:0.43)
6618	244457_1.R1011	iaa(HMM:1.1)
6619	18074_1.R1011	iaa(HMM:1.1e-12)
6620	36723_3.R1011	iaa(HMM:1.1e-37)
6621	5206_2.R1011	iaa(HMM:1.1e-42)
6622	LIB3069-032-Q1-K1-B5	iaa(HMM:1.2e-06)
6623	18565_1.R1011	iaa(HMM:1.2e-35)
6624	18565_2.R1011	iaa(HMM:1.3e-08)
6625	fdz701161796.h1	iaa(HMM:1.3e-19)
6626	165547_1.R1011	iaa(HMM:1.4)
6627	17862_2.R1011	iaa(HMM:1.4e-40)
6628	10914_1.R1011	iaa(HMM:1.4e-46)
6629	99544_1.R1011	iaa(HMM:1.5e-07)
6630	244546_1.R1011	iaa(HMM:1.5e-43)
6631	wty700172062.h1	iaa(HMM:1.6e-07)
6632	113760_1.R1011	iaa(HMM:1.6e-10)
6633	7217_3.R1011	iaa(HMM:1.8e-25)
6634	43613_3.R1011	iaa(HMM:1.8e-30)
6635	7217_1.R1011	iaa(HMM:1.8e-54)
6636	5423_1.R1011	iaa(HMM:1.9e-06)
6637	63348_1.R1011	iaa(HMM:1.9e-40)
6638	7084_2.R1011	iaa(HMM:2.2e-32)
6639	g4314535	iaa(HMM:2.3e-05)
6640	118813_1.R1011	iaa(HMM:2.5e-05)
6641	fC-zmfl700903946z1	iaa(HMM:2.7e-34)
6642	uC-zmroteosinte030b06b1	iaa(HMM:2.8e-07)
6643	ceu700433713.h1	iaa(HMM:2.8e-29)
6644	126546_1.R1011	iaa(HMM:2e-52)
6645	177164_1.R1011	iaa(HMM:3.2)
6646	2478_12.R1011	iaa(HMM:3.4e-06)
6647	7084_1.R1011	iaa(HMM:3.4e-08)
6648	LIB3067-004-Q1-K1-H5	iaa(HMM:3.4e-21)

6649	dyk700105172.h1	iaa(HMM:3.4e-35)
6650	4794_1.R1011	iaa(HMM:3.5e-36)
6651	39538_1.R1011	iaa(HMM:3.9e-51)
6652	g4647071	iaa(HMM:3e-18)
6653	4943_1.R1011	iaa(HMM:4.1e-40)
6654	pmx700085101.h1	iaa(HMM:4.7e-06)
6655	36723_1.R1011	iaa(HMM:4.7e-17)
6656	LIB3159-016-Q1-K1-H5	iaa(HMM:4.8e-05)
6657	63348_2.R1011	iaa(HMM:5.1e-07)
6658	207353_1.R1011	iaa(HMM:5.1e-09)
6659	44453_1.R1011	iaa(HMM:5.3e-06)
6660	cat700018068.r1	iaa(HMM:5.4e-13)
6661	fdz701160529.h1	iaa(HMM:5.8e-07)
6662	LIB3115-025-P1-K1-G8	iaa(HMM:5.9e-10)
6663	pmx700091218.h1	iaa(HMM:5e-05)
6664	LIB189-028-Q1-E1-C7	iaa(HMM:5e-06)
6665	36723_2.R1011	iaa(HMM:6.4e-08)
6666	wen700335617.h1	iaa(HMM:6.4e-08)
6667	113854_1.R1011	iaa(HMM:6.6e-66)
6668	LIB3070-011-Q1-N1-B9	iaa(HMM:6.8e-06)
6669	6146_3.R1011	iaa(HMM:7.7e-13)
6670	92613_1.R1011	iaa(HMM:7.8e-34)
6671	138145_2.R1011	iaa(HMM:8.8e-08)
6672	LIB3116-025-P1-K1-C6	iaa(HMM:8.9e-09)
6673	uC-zmflmo17297c12b1	iaa(HMM:9.3e-54)
6674	tfd700572494.h1	iaa(HMM:9.6e-10)
6675	qmh700030191.fl	iaa(HMM:9.8e-07)
6676	LIB3116-025-P1-K2-C6	iaa(HMM:9.8e-10)
6677	yyf700348060.h1	ibr(HMM:0.0005)
6678	268028_1.R1011	ibr(HMM:0.015)
6679	180806_1.R1011	ibr(HMM:0.17)
6680	1610_1.R1011	ibr(HMM:1.2e-11)
6681	121748_1.R1011	ibr(HMM:1e-06)
6682	8414_1.R1011	ibr(HMM:2.8e-16)
6683	47794_1.R1011	ibr(HMM:3.6e-06)
6684	19283_1.R1011	ibr(HMM:6.3e-08)
6685	kem700612163.h1	ibr(HMM:6.3e-20)
6686	uC-zmflb73007c10b1	"k-box(HMM:0.00013),srf- tf(HMM:2.8e-32)"
6687	uC-zmflmo17321d12b1	k-box(HMM:0.00052)
6688	uC-zmroteosinte117g06b1	k-box(HMM:0.0014)
6689	uC-zmflb73020c05b1	k-box(HMM:0.0017)
6690	LIB3069-044-Q1-K1-B9	"k-box(HMM:0.0057),srf- tf(HMM:1.4e-36)"
6691	LIB3116-025-P1-K1-B6	k-box(HMM:0.007)
6692	uC-zmflb73148g01b1	k-box(HMM:0.0078)
6693	g4730436	"k-box(HMM:0.0081),srf- tf(HMM:4.7e-35)"
6694	418_1.R1011	"k-box(HMM:0.0092),srf- tf(HMM:1.1e-25)"
6695	LIB3068-025-Q1-K1-D7	k-box(HMM:0.83)
6696	LIB3067-047-Q1-K1-C2	k-box(HMM:1.1e-06)
6697	uC-zmflb73014e12b1	k-box(HMM:1.2e-08)
6698	166_1.R1011	"k-box(HMM:1.2e-08),srf-

6699	CPR6867_700163369_FL	tf(HMM:1.9e-29)"
6700	uC-zmflmo17078c09b1	k-box(HMM:1.3e-10)
6701	166_5.R1011	k-box(HMM:1.3e-23)
6702	uC-zmrob73050c02b1	k-box(HMM:1.4e-06)
6703	122_2.R1011	k-box(HMM:1.6e-05)
6704	uC-zmflb73140b06b1	k-box(HMM:1.6e-22)
6705	113_1.R1011	k-box(HMM:1.7e-13)
		"k-box(HMM:1.7e-42),srf-
		tf(HMM:7.3e-38)"
6706	126_1.R1011	"k-box(HMM:1.9e-05),srf-
		tf(HMM:1.5e-33)"
6707	109_2.R1011	k-box(HMM:1.9e-14)
6708	uC-zmflmo17057c07b1	k-box(HMM:1e-06)
6709	610_2.R1011	"k-box(HMM:1e-34),srf-
		tf(HMM:1e-34)"
6710	109_1.R1011	"k-box(HMM:2.1e-14),srf-
		tf(HMM:4e-32)"
6711	uC-zmflmo17280a06b1	k-box(HMM:2.3e-07)
6712	949_2.R1011	"k-box(HMM:2.4e-38),srf-
		tf(HMM:1.7e-20)"
6713	112_2.R1011	k-box(HMM:2.5e-11)
6714	120_3.R1011	k-box(HMM:2.7e-31)
6715	120_2.R1011	k-box(HMM:2.8e-27)
6716	113_3.R1011	"k-box(HMM:2.8e-38),srf-
		tf(HMM:2.8e-37)"
6717	LIB3059-037-Q1-K1-A3	k-box(HMM:3.2e-30)
6718	611_2.R1011	"k-box(HMM:3.2e-36),srf-
		tf(HMM:3e-36)"
6719	g5268420	"k-box(HMM:3.4e-43),srf-
		tf(HMM:1.3e-11)"
6720	544_1.R1011	"k-box(HMM:3.4e-43),srf-
		tf(HMM:4.3e-38)"
6721	38372_1.R1011	"k-box(HMM:3.5e-05),srf-
		tf(HMM:1.6e-29)"
6722	611_1.R1011	"k-box(HMM:3.5e-38),srf-
		tf(HMM:1.4e-36)"
6723	112_1.R1011	"k-box(HMM:3.6e-19),srf-
		tf(HMM:1.9e-09)"
6724	610_1.R1011	"k-box(HMM:3.7e-35),srf-
		tf(HMM:1.4e-35)"
6725	124_1.R1011	k-box(HMM:3.8e-10)
6726	113_5.R1011	"k-box(HMM:3.9e-40),srf-
		tf(HMM:1.5e-37)"
6727	113_6.R1011	"k-box(HMM:3.9e-40),srf-
		tf(HMM:1.5e-37)"
6728	166_4.R1011	k-box(HMM:4.1e-05)
6729	107_1.R1011	"k-box(HMM:4.4e-12),srf-
		tf(HMM:1.4e-29)"
6730	125_1.R1011	"k-box(HMM:4.7e-33),srf-
		tf(HMM:4.4e-36)"
6731	116_1.R1011	"k-box(HMM:5.4e-26),srf-
		tf(HMM:1e-37)"
6732	113_4.R1011	"k-box(HMM:5.5e-39),srf-
		tf(HMM:1.6e-37)"

6733	123_1.R1011	"k-box(HMM:5.7e-25),srf- tf(HMM:1.9e-35)"
6734	119_1.R1011	k-box(HMM:5.8e-08)
6735	4634_1.R1011	k-box(HMM:5.9e-18)
6736	122_5.R1011	k-box(HMM:6.1e-12)
6737	LIB3116-025-P1-K2-B6	k-box(HMM:6.4e-07)
6738	LIB3067-059-Q1-K1-C6	"k-box(HMM:6.6e-07),srf- tf(HMM:1.3e-16)"
6739	122_1.R1011	"k-box(HMM:6.7e-42),srf- tf(HMM:3e-37)"
6740	LIB3088-010-Q1-K1-D9	k-box(HMM:7.1e-06)
6741	g939780	"k-box(HMM:7.2e-43),srf- tf(HMM:4.9e-37)"
6742	uC-zmflb73119c08a1	k-box(HMM:7.5e-06)
6743	120_1.R1011	k-box(HMM:9.3e-06)
6744	949_1.R1011	"k-box(HMM:9.3e-37),srf- tf(HMM:3.7e-19)"
6745	tfd700571519.h1	keyword:14-3-3(2.0e-29)
6746	nwy700443416.h1	keyword:14-3-3(5.0e-97)
6747	uC-zmflmo17368g12a1	keyword:AGAMOUS(4.0e-21)
6748	rvl700455692.h1	keyword:AGL(1.0e-143)
6749	LIB148-037-Q1-E1-F9	keyword:AGL(1.0e-16)
6750	vux700160175.h1	keyword:AGL(1.0e-19)
6751	286109_1.R1011	keyword:AGL(1.0e-35)
6752	LIB3151-035-Q1-K1-F3	keyword:AGL(1.0e-46)
6753	fwa700097971.h1	keyword:AGL(2.0e-11)
6754	uC-zmroteosintel19g06b2	keyword:AGL(2.0e-15)
6755	uC-zmflmo17141d11a1	keyword:AGL(2.0e-55)
6756	LIB36-011-Q2-E2-C8	keyword:AGL(3.0e-11)
6757	537_1.R1011	keyword:AGL(4.0e-34)
6758	30596_1.R1011	keyword:AGL(4.0e-37)
6759	uC-zmflmo17100c07b1	keyword:AGL(5.0e-18)
6760	10216_1.R1011	keyword:AGL(5.0e-27)
6761	34664_1.R1011	keyword:AGL(5.0e-27)
6762	316540_1.R1011	keyword:AGL(5.0e-30)
6763	xjt700092426.h1	keyword:AGL(6.0e-28)
6764	uC-zmflb73028c07b1	keyword:AGL(7.0e-11)
6765	78620_1.R1011	keyword:AGL(7.0e-25)
6766	64990_1.R1011	keyword:AGL(9.0e-16)
6767	815_1.R1011	"keyword:ap2(0.0e+00),keyword: ap2(0.0e+00),keyword:ap2(0.0e+ 00)"
6768	18_3.R1011	keyword:ap2(1.0e-17)
6769	gct701179408.h1	keyword:ap2(1.0e-18)
6770	nbm700475984.h1	keyword:ap2(1.0e-21)
6771	wen700332115.h1	keyword:ap2(1.0e-29)
6772	nwy700444335.h1	keyword:ap2(2.0e-10)
6773	dyk700104327.h1	keyword:ap2(2.0e-34)
6774	pwr700450563.h1	keyword:ap2(3.0e-26)
6775	xtj700377682.h1	keyword:ap2(4.0e-10)
6776	59339_1.R1011	keyword:ap2(5.0e-21)
6777	LIB3088-049-Q1-K1-F5	keyword:ap2(5.0e-28)
6778	ceu700423863.h1	keyword:ap2(8.0e-25)
6779	883_2.R1011	keyword:ap2(8.0e-26)

6780	152851_1.R1011	keyword:ap2(9.0e-22)
6781	134695_1.R1011	keyword:ap2(9.0e-31)
6782	106029_1.R1011	keyword:ap2(9.0e-44)
6783	qmh700026482.fl	keyword:AT-hook(1.0e-11)
6784	xmt700259589.h1	keyword:AT-hook(1.0e-14)
6785	ymt700220746.h1	keyword:AT-hook(2.0e-31)
6786	yyf700350355.h1	keyword:AT-hook(4.0e-20)
6787	cyk700047678.fl	keyword:bzip(1.0e-08)
6788	LIB3150-098-P1-N1-B9	keyword:bzip(1.0e-14)
6789	pmx700089501.h1	"keyword:bzip(1.0e-30),keyword:homeobox(1.0e-30)"
6790	yyf700350763.h1	keyword:bzip(2.0e-11)
6791	LIB3069-036-Q1-K1-F4	keyword:bzip(2.0e-16)
6792	6878_1.R1011	"keyword:bzip(2.0e-39),keyword:bzip(2.0e-39)"
6793	wty700169467.h1	"keyword:bzip(3.0e-11),keyword:homeobox(3.0e-11)"
6794	35794_1.R1011	keyword:bzip(3.0e-17)
6795	48768_1.R1011	"keyword:bzip(3.0e-22),keyword:dna-binding(3.0e-22)"
6796	82514_1.R1011	keyword:bzip(3.0e-50)
6797	495_5.R1011	keyword:bzip(3.0e-68)
6798	uC-zmflmo17017c06b1	"keyword:bzip(4.0e-11),keyword:dna-binding(4.0e-11)"
6799	48768_3.R1011	"keyword:bzip(4.0e-18),keyword:dna-binding(4.0e-18)"
6800	LIB3076-018-Q1-K1-C8	keyword:bzip(4.0e-27)
6801	uC-zmflb73207a02b1	"keyword:bzip(5.0e-24),keyword:dna-binding(5.0e-24)"
6802	209290_1.R1011	"keyword:bzip(6.0e-40),keyword:homeobox(6.0e-40)"
6803	103822_1.R1011	keyword:bzip(6.0e-60)
6804	uwc700154149.h1	"keyword:bzip(7.0e-09),keyword:dna-binding(7.0e-09)"
6805	194_1.R1011	keyword:bzip(7.0e-25)
6806	117171_1.R1011	keyword:bzip(7.0e-26)
6807	48768_2.R1011	"keyword:bzip(8.0e-25),keyword:dna-binding(8.0e-25)"
6808	LIB3069-002-Q1-K1-G9	keyword:CBF1(3.0e-21)
6809	uC-zmflmo17425b04a1	keyword:CONSTANS(1.0e-10)
6810	12612_1.R1011	keyword:dna-binding(0.0e+00)
6811	176_1.R1011	keyword:dna-binding(0.0e+00)
6812	hbs701185652.h1	keyword:dna-binding(1.0e-10)
6813	47487_3.R1011	keyword:dna-binding(1.0e-11)
6814	uC-zmflmo17209h03a1	keyword:dna-binding(1.0e-11)

6815	548_2.R1011	keyword:dna-binding(1.0e-112)
6816	13235_1.R1011	keyword:dna-binding(1.0e-140)
6817	23216_2.R1011	keyword:dna-binding(1.0e-143)
6818	LIB3066-014-Q1-K1-E3	keyword:dna-binding(1.0e-18)
6819	LIB3067-009-Q1-K1-B7	keyword:dna-binding(1.0e-18)
6820	LIB3062-008-Q1-K1-D8	keyword:dna-binding(1.0e-25)
6821	LIB143-050-Q1-E1-G11	keyword:dna-binding(1.0e-28)
6822	789_2.R1011	keyword:dna-binding(1.0e-41)
6823	LIB3060-024-Q1-K1-H1	keyword:dna-binding(1.0e-43)
6824	LIB3069-035-Q1-K1-E4	keyword:dna-binding(1.0e-53)
6825	8811_1.R1011	keyword:dna-binding(1.0e-67)
6826	cyk700049422.fl	keyword:dna-binding(2.0e-10)
6827	uC-zmflb73045c09b1	keyword:dna-binding(2.0e-10)
6828	LIB3067-042-Q1-K1-A5	keyword:dna-binding(2.0e-11)
6829	16070_1.R1011	keyword:dna-binding(2.0e-12)
6830	264834_1.R1011	keyword:dna-binding(2.0e-12)
6831	132728_1.R1011	keyword:dna-binding(2.0e-14)
6832	uC-zmflb73139c09b1	keyword:dna-binding(2.0e-14)
6833	32823_1.R1011	keyword:dna-binding(2.0e-17)
6834	268459_1.R1011	keyword:dna-binding(2.0e-18)
6835	uC-zmflmo17041a05b1	keyword:dna-binding(2.0e-18)
6836	uC-zmflmo17083d10a1	keyword:dna-binding(2.0e-19)
6837	LIB3158-005-Q1-K1-A5	keyword:dna-binding(2.0e-22)
6838	101450_1.R1011	keyword:dna-binding(2.0e-25)
6839	uC-zmflmo17277c02a1	keyword:dna-binding(2.0e-36)
6840	34238_1.R1011	keyword:dna-binding(2.0e-39)
6841	3286_1.R1011	keyword:dna-binding(2.0e-40)
6842	139431_1.R1011	keyword:dna-binding(2.0e-44)
6843	LIB3078-029-Q1-K1-F11	keyword:dna-binding(2.0e-44)
6844	176_2.R1011	keyword:dna-binding(2.0e-50)
6845	wty700165894.h1	keyword:dna-binding(3.0e-09)
6846	76114_1.R1011	keyword:dna-binding(3.0e-10)
6847	LIB3150-057-Q1-N1-B9	keyword:dna-binding(3.0e-11)
6848	94901_1.R1011	keyword:dna-binding(3.0e-15)
6849	pwr700450526.h1	keyword:dna-binding(3.0e-15)
6850	154274_1.R1011	keyword:dna-binding(3.0e-16)
6851	LIB3150-041-Q1-N1-B9	keyword:dna-binding(3.0e-19)
6852	uC-zmromo17100d05a1	keyword:dna-binding(3.0e-21)
6853	17755_1.R1011	keyword:dna-binding(3.0e-25)
6854	77994_1.R1011	keyword:dna-binding(3.0e-34)
6855	uC-zmrob73075f06b1	keyword:dna-binding(3.0e-34)
6856	23216_1.R1011	keyword:dna-binding(3.0e-39)
6857	uC-zmflmo17083d10b1	keyword:dna-binding(3.0e-59)
6858	uC-zmflb73032c11b1	keyword:dna-binding(3.0e-62)
6859	LIB3062-032-Q1-K1-G5	keyword:dna-binding(3.0e-69)
6860	LIB3117-015-Q1-K1-F4	keyword:dna-binding(4.0e-12)
6861	nwy700447051.h1	keyword:dna-binding(4.0e-14)
6862	74100_1.R1011	keyword:dna-binding(4.0e-21)
6863	100714_1.R1011	keyword:dna-binding(4.0e-22)
6864	wyr700241077.h1	keyword:dna-binding(4.0e-23)
6865	hvj700618821.h1	keyword:dna-binding(4.0e-34)
6866	LIB3088-029-Q1-K1-H1	keyword:dna-binding(4.0e-47)
6867	uC-zmflmo17030h12b1	keyword:dna-binding(4.0e-56)
6868	12612_6.R1011	keyword:dna-binding(4.0e-66)

6869	8306_1.R1011	keyword:dna-binding(4.0e-68)
6870	29316_1.R1011	keyword:dna-binding(5.0e-10)
6871	19186_2.R1011	keyword:dna-binding(5.0e-17)
6872	84803_1.R1011	keyword:dna-binding(5.0e-19)
6873	74100_2.R1011	keyword:dna-binding(5.0e-21)
6874	LIB143-051-Q1-E1-B9	keyword:dna-binding(5.0e-22)
6875	uwc700155357.h1	keyword:dna-binding(5.0e-23)
6876	LIB3067-047-Q1-K1-C10	keyword:dna-binding(5.0e-36)
6877	12612_5.R1011	keyword:dna-binding(5.0e-38)
6878	94376_1.R1011	keyword:dna-binding(5.0e-39)
6879	wty700165819.h1	keyword:dna-binding(5.0e-56)
6880	12726_1.R1011	keyword:dna-binding(6.0e-16)
6881	130932_1.R1011	keyword:dna-binding(6.0e-21)
6882	19186_1.R1011	keyword:dna-binding(6.0e-56)
6883	LIB3279-059-P1-K1-G2	keyword:dna-binding(7.0e-13)
6884	uC-zmflmo17285c06b1	keyword:dna-binding(7.0e-14)
6885	LIB83-014-Q1-E1-D6	keyword:dna-binding(7.0e-18)
6886	LIB3062-017-Q1-K1-E5	keyword:dna-binding(7.0e-20)
6887	uC-zmflmo17227d01b1	keyword:dna-binding(7.0e-20)
6888	LIB3150-077-P2-N2-H4	keyword:dna-binding(7.0e-26)
6889	uC-zmflb73041e08b1	keyword:dna-binding(8.0e-12)
6890	LIB143-062-Q1-E1-E4	keyword:dna-binding(8.0e-30)
6891	148466_1.R1011	keyword:dna-binding(8.0e-34)
6892	mwy700438105.h1	keyword:dna-binding(8.0e-38)
6893	263065_1.R1011	keyword:dna-binding(8.0e-66)
6894	pmx700091420.h1	keyword:dna-binding(9.0e-11)
6895	uC-zmflb73181f12b1	keyword:dna-binding(9.0e-18)
6896	xmt700257277.h1	keyword:dna-binding(9.0e-18)
6897	LIB3137-024-Q1-K1-D9	keyword:dna-binding(9.0e-35)
6898	LIB3076-018-Q1-K1-E7	keyword:dna-binding(9.0e-85)
6899	70147_1.R1011	keyword:enbp(2.0e-25)
6900	259266_1.R1011	keyword:enbp(4.0e-09)
6901	uC-zmflB73006g07b1	keyword:enbp(7.0e-18)
6902	yyf700351908.h1	keyword:helix-loop-helix(2.0e-21)
6903	xyt700344766.h1	keyword:helix-loop-helix(9.0e-33)
6904	9174_1.R1011	keyword:homeobox(0.0e+00)
6905	LIB3069-017-Q1-K1-B1	keyword:homeobox(1.0e-08)
6906	LIB3067-027-Q1-K1-G9	keyword:homeobox(1.0e-11)
6907	nbm700476093.h1	keyword:homeobox(1.0e-12)
6908	300002_1.R1011	keyword:homeobox(1.0e-141)
6909	18251_1.R1011	keyword:homeobox(1.0e-146)
6910	LIB3062-023-Q1-K1-F5	keyword:homeobox(1.0e-16)
6911	pmx700085542.h1	keyword:homeobox(1.0e-30)
6912	598_3.R1011	keyword:homeobox(1.0e-31)
6913	764_16.R1011	"keyword:homeobox(1.0e-39),keyword:homeobox(1.0e-39)"
6914	764_17.R1011	"keyword:homeobox(1.0e-59),keyword:homeobox(1.0e-59)"
6915	111824_1.R1011	keyword:homeobox(2.0e-09)
6916	33216_4.R1011	keyword:homeobox(2.0e-10)



6917	uC-zmflb73098h01b1	keyword:homeobox(2.0e-10)
6918	287454_1.R1011	keyword:homeobox(2.0e-11)
6919	pwr700448959.h1	keyword:homeobox(2.0e-11)
6920	gwl700614245.h1	keyword:homeobox(2.0e-12)
6921	163876_1.R1011	keyword:homeobox(2.0e-13)
6922	ceu700421514.h1	keyword:homeobox(2.0e-13)
6923	31780_1.R1011	"keyword:homeobox(2.0e-13),keyword:homeobox(2.0e-13)"
6924	LIB3066-035-Q1-K1-A7	keyword:homeobox(2.0e-17)
6925	nbm700469004.h1	keyword:homeobox(2.0e-17)
6926	275799_1.R1011	keyword:homeobox(2.0e-22)
6927	116899_1.R1011	"keyword:homeobox(2.0e-22),keyword:Leucine-zipper(2.0e-22)"
6928	764_18.R1011	keyword:homeobox(2.0e-28)
6929	43230_1.R1011	keyword:homeobox(2.0e-34)
6930	uC-zmflb73064a06b1	keyword:homeobox(2.0e-45)
6931	uC-zmflb73155b12b2	keyword:homeobox(2.0e-50)
6932	uC-zmflmol17086g10a1	keyword:homeobox(2.0e-60)
6933	88003_1.R1011	keyword:homeobox(3.0e-16)
6934	67551_1.R1011	keyword:homeobox(3.0e-21)
6935	uC-zmroteosinte069d05b1	keyword:homeobox(3.0e-27)
6936	50403_1.R1011	keyword:homeobox(3.0e-44)
6937	764_9.R1011	keyword:homeobox(3.0e-65)
6938	94091_1.R1011	keyword:homeobox(3.0e-76)
6939	LIB3150-069-P1-N1-F1	keyword:homeobox(4.0e-14)
6940	9174_3.R1011	keyword:homeobox(4.0e-16)
6941	nbm700473589.h1	keyword:homeobox(4.0e-18)
6942	uC-zmflb73279a11a2	keyword:homeobox(4.0e-18)
6943	45866_1.R1011	keyword:homeobox(4.0e-22)
6944	wen700336529.h1	"keyword:homeobox(4.0e-37),keyword:zinc-finger(4.0e-37)"
6945	73374_1.R1011	"keyword:homeobox(4.0e-47),keyword:homeobox(4.0e-47)"
6946	264438_1.R1011	keyword:homeobox(4.0e-49)
6947	LIB3075-018-Q1-K1-G6	keyword:homeobox(5.0e-15)
6948	uC-zmrob73061a09a1	keyword:homeobox(5.0e-49)
6949	nbm700474077.h1	keyword:homeobox(6.0e-09)
6950	3178_1.R1011	"keyword:homeobox(6.0e-17),keyword:homeobox(6.0e-17)"
6951	280421_1.R1011	keyword:homeobox(6.0e-21)
6952	vux700156628.h1	keyword:homeobox(6.0e-22)
6953	uer700581639.h1	keyword:homeobox(7.0e-14)
6954	175_4.R1011	keyword:homeobox(7.0e-17)
6955	uer700579633.h1	keyword:homeobox(7.0e-17)
6956	LIB3181-013-P1-K2-A7	keyword:homeobox(7.0e-35)
6957	764_8.R1011	keyword:homeobox(7.0e-68)
6958	31780_5.R1011	keyword:homeobox(7.0e-81)
6959	ymt700219660.h1	keyword:homeobox(8.0e-29)
6960	764_10.R1011	keyword:homeobox(9.0e-68)

6961	12979_1.R1011	keyword:homeodomain(1.0e-08)
6962	55720_1.R1011	keyword:homeodomain(1.0e-13)
6963	156765_1.R1011	keyword:homeodomain(1.0e-23)
6964	LIB84-004-Q1-E1-G12	keyword:homeodomain(1.0e-43)
6965	uC-zmflmo17265e12b1	keyword:homeodomain(2.0e-41)
6966	uC-zmflb73379d12a1	keyword:homeodomain(4.0e-43)
6967	252799_1.R1011	keyword:homeodomain(5.0e-10)
6968	uC-zmflmo17366b11a1	"keyword:homeodomain(5.0e-10),keyword:KNOX(5.0e-10)"
6969	114121_1.R1011	keyword:homeodomain(5.0e-45)
6970	vux700156878.h1	"keyword:homeodomain(6.0e-21),keyword:KNOX(6.0e-21)"
6971	uC-zmflb73148b09a1	keyword:homeodomain(6.0e-34)
6972	98006_1.R1011	keyword:homeodomain(6.0e-39)
6973	xmt700261794.h1	"keyword:homeodomain(8.0e-25),keyword:KNOX(8.0e-25)"
6974	110797_1.R1011	keyword:homeodomain(9.0e-46)
6975	tzv700203055.h1	keyword:Leucine-zipper(1.0e-108)
6976	nbm700472831.h1	keyword:Leucine-zipper(1.0e-11)
6977	7235_1.R1011	keyword:Leucine-zipper(2.0e-41)
6978	gct701167790.h1	keyword:Leucine-zipper(3.0e-31)
6979	nwy700444490.h1	keyword:Leucine-zipper(5.0e-39)
6980	LIB3279-015-P1-K1-C4	keyword:Leucine-zipper(7.0e-35)
6981	105932_1.R1011	keyword:Leucine-zipper(8.0e-13)
6982	cyk700051334.fl	keyword:Leucine-zipper(9.0e-10)
6983	174_2.R1011	keyword:Leucine-zipper(9.0e-24)
6984	LIB3079-042-Q1-K2-G11	keyword:mads(1.0e-12)
6985	113_7.R1011	keyword:mads(1.0e-24)
6986	LIB3067-001-Q1-K1-G10	keyword:mads(1.0e-32)
6987	uC-zmflb73226h10b1	keyword:mads(4.0e-25)
6988	LIB3067-049-Q1-K1-C4	keyword:mads(5.0e-37)
6989	LIB3088-010-Q1-K1-B8	keyword:mads(6.0e-16)
6990	543_23.R1011	keyword:mads(7.0e-12)
6991	xdb700337712.h1	keyword:mads(8.0e-14)
6992	uC-zmflmo17291g03a1	keyword:myb(1.0e-08)
6993	15179_1.R1011	keyword:myb(1.0e-14)
6994	44808_1.R1011	keyword:myb(1.0e-17)
6995	uC-zmroteosinte005d12b1	keyword:myb(1.0e-19)
6996	42019_1.R1011	keyword:myb(1.0e-67)
6997	xsy700208807.h1	keyword:myb(2.0e-11)
6998	uC-zmflb73371h12a1	keyword:myb(2.0e-12)
6999	uC-zmflmo17275d11a1	keyword:myb(2.0e-15)
7000	42019_2.R1011	keyword:myb(2.0e-37)
7001	193_1.R1011	keyword:myb(2.0e-54)
7002	LIB3136-043-P1-K1-D10	keyword:myb(3.0e-09)
7003	wyr700242839.h1	keyword:myb(4.0e-14)
7004	LIB143-011-Q1-E1-B9	keyword:myb(4.0e-22)
7005	dyk700106429.h1	keyword:myb(5.0e-09)
7006	uC-zmflmo17027h03a1	keyword:myb(6.0e-12)
7007	57641_1.R1011	keyword:myb(6.0e-22)
7008	210183_1.R1011	keyword:myb(7.0e-11)
7009	zuv700355634.h1	keyword:myb(7.0e-29)
7010	uC-zmflb73085c02a1	keyword:myb(8.0e-16)

7011	LIB3062-036-Q1-K1-A9	keyword:myb(8.0e-19)
7012	57004_1.R1011	keyword:myb(9.0e-16)
7013	LIB3156-012-Q1-K1-D11	keyword:myb(9.0e-17)
7014	113744_1.R1011	keyword:Polycomb(2.0e-38)
7015	34034_1.R1011	keyword:scarecrow(4.0e-18)
7016	LIB3136-011-Q1-K1-G4	keyword:scarecrow(5.0e-27)
7017	8194_2.R1011	keyword:transcription(0.0e+00)
7018	cyk700052292.fl	keyword:transcription(1.0e-08)
7019	wyr700240404.h1	keyword:transcription(1.0e-08)
7020	LIB3076-025-Q1-K1-F12	"keyword:transcription(1.0e-08),keyword:bzip(1.0e-08)"
7021	12136_1.R1011	keyword:transcription(1.0e-09)
7022	LIB3150-022-Q1-N1-F6	keyword:transcription(1.0e-09)
7023	LIB3079-021-Q1-K1-A1	keyword:transcription(1.0e-10)
7024	pwr700450313.h1	keyword:transcription(1.0e-107)
7025	nwy700447237.h1	keyword:transcription(1.0e-11)
7026	6790_1.R1011	"keyword:transcription(1.0e-11),keyword:bzip(1.0e-11)"
7027	nwy700444534.h1	keyword:transcription(1.0e-111)
7028	LIB3088-042-Q1-K1-E9	keyword:transcription(1.0e-12)
7029	mwy700439921.h1	keyword:transcription(1.0e-120)
7030	wen700333684.h1	keyword:transcription(1.0e-120)
7031	8224_1.R1011	keyword:transcription(1.0e-123)
7032	ceu700428912.h1	keyword:transcription(1.0e-135)
7033	2609_1.R1011	keyword:transcription(1.0e-137)
7034	242973_1.R1011	keyword:transcription(1.0e-14)
7035	LIB3059-056-Q1-K1-E10	keyword:transcription(1.0e-14)
7036	ceu700427219.h1	keyword:transcription(1.0e-14)
7037	wen700332891.h1	keyword:transcription(1.0e-140)
7038	17665_1.R1011	keyword:transcription(1.0e-146)
7039	LIB143-051-Q1-E1-F1	keyword:transcription(1.0e-15)
7040	LIB3068-022-Q1-K1-G1	keyword:transcription(1.0e-15)
7041	zuv700355690.h1	keyword:transcription(1.0e-15)
7042	1431_2.R1011	keyword:transcription(1.0e-16)
7043	16811_3.R1011	keyword:transcription(1.0e-16)
7044	10_3.R1011	keyword:transcription(1.0e-17)
7045	19324_1.R1011	"keyword:transcription(1.0e-17),keyword:zinc-finger(1.0e-17)"
7046	ntr700075928.h1	keyword:transcription(1.0e-19)
7047	LIB3068-033-Q1-K1-B8	"keyword:transcription(1.0e-21),keyword:mads(1.0e-21)"
7048	278462_1.R1011	keyword:transcription(1.0e-22)
7049	uC-zmflmo17242h08b1	keyword:transcription(1.0e-22)
7050	fC-zmst700889690a1	keyword:transcription(1.0e-26)
7051	xtj700377427.h1	keyword:transcription(1.0e-27)
7052	41222_1.R1011	keyword:transcription(1.0e-28)
7053	LIB3068-015-Q1-K1-D8	keyword:transcription(1.0e-28)
7054	LIB3117-006-Q1-K1-D9	"keyword:transcription(1.0e-29),keyword:mads(1.0e-29)"
7055	2746_2.R1011	"keyword:transcription(1.0e-30),keyword:transcription(1.0e-30)"
7056	LIB148-002-Q1-E1-E2	keyword:transcription(1.0e-31)

7057	uC-zmflmol7001a09b1	keyword:transcription(1.0e-31)
7058	pwr700453362.h1	keyword:transcription(1.0e-34)
7059	uC-zmflb73134a03b1	keyword:transcription(1.0e-34)
7060	27139_1.R1011	keyword:transcription(1.0e-35)
7061	5630_1.R1011	"keyword:transcription(1.0e-36),keyword:myb(1.0e-36)"
7062	16016_1.R1011	keyword:transcription(1.0e-39)
7063	gct701178018.h1	keyword:transcription(1.0e-41)
7064	LIB3150-056-Q1-N1-B6	keyword:transcription(1.0e-42)
7065	8193_1.R1011	keyword:transcription(1.0e-45)
7066	6_1.R1011	keyword:transcription(1.0e-52)
7067	LIB3154-001-Q1-K1-C6	keyword:transcription(1.0e-63)
7068	135712_1.R1011	keyword:transcription(1.0e-67)
7069	LIB3150-027-Q1-N1-H11	keyword:transcription(2.0e-09)
7070	38783_1.R1011	keyword:transcription(2.0e-11)
7071	uC-zmflmol7224g11a1	keyword:transcription(2.0e-11)
7072	231971_1.R1011	keyword:transcription(2.0e-12)
7073	83322_1.R1011	keyword:transcription(2.0e-13)
7074	uC-zmroteosinte117a09b1	keyword:transcription(2.0e-13)
7075	6396_1.R1011	keyword:transcription(2.0e-14)
7076	101777_1.R1011	keyword:transcription(2.0e-15)
7077	296825_1.R1011	keyword:transcription(2.0e-15)
7078	LIB3067-004-Q1-K1-C5	keyword:transcription(2.0e-15)
7079	10_2.R1011	keyword:transcription(2.0e-16)
7080	uC-zmflmol7240g03b1	keyword:transcription(2.0e-17)
7081	qmh700026315.f1	keyword:transcription(2.0e-18)
7082	wty700164059.h1	keyword:transcription(2.0e-20)
7083	xdb700337421.h1	keyword:transcription(2.0e-20)
7084	gct701176393.h1	keyword:transcription(2.0e-23)
7085	tfd700574493.h1	keyword:transcription(2.0e-23)
7086	vux700161183.h1	keyword:transcription(2.0e-23)
7087	uC-zmflb73007a09b1	keyword:transcription(2.0e-24)
7088	891_10.R1011	keyword:transcription(2.0e-25)
7089	nbm700468530.h1	keyword:transcription(2.0e-25)
7090	891_12.R1011	keyword:transcription(2.0e-27)
7091	uer700581676.h1	keyword:transcription(2.0e-28)
7092	ceu700428822.h1	keyword:transcription(2.0e-29)
7093	70939_1.R1011	keyword:transcription(2.0e-30)
7094	xyt700344506.h1	keyword:transcription(2.0e-34)
7095	22519_1.R1011	keyword:transcription(2.0e-35)
7096	tfd700571757.h1	keyword:transcription(2.0e-35)
7097	3093_1.R1011	keyword:transcription(2.0e-62)
7098	ceu700425273.h1	keyword:transcription(2.0e-74)
7099	uC-zmflmol7255a07b1	keyword:transcription(2.0e-85)
7100	143145_1.R1011	keyword:transcription(3.0e-10)
7101	tfd700576385.h1	"keyword:transcription(3.0e-10),keyword:myb(3.0e-10)"
7102	114415_1.R1011	keyword:transcription(3.0e-12)
7103	2746_1.R1011	keyword:transcription(3.0e-12)
7104	130688_1.R1011	keyword:transcription(3.0e-13)
7105	LIB3136-045-Q1-K1-G11	keyword:transcription(3.0e-13)
7106	543_32.R1011	"keyword:transcription(3.0e-13),keyword:Leucine-zipper(3.0e-13)"

7107	LIB3069-025-Q1-K1-E5	keyword:transcription(3.0e-14)
7108	LIB3076-045-Q1-K1-E4	keyword:transcription(3.0e-14)
7109	103429_1.R1011	"keyword:transcription(3.0e-14),keyword:myb(3.0e-14)"
7110	543_41.R1011	"keyword:transcription(3.0e-15),keyword:Leucine-zipper(3.0e-15)"
7111	68498_1.R1011	keyword:transcription(3.0e-16)
7112	uC-zmflmo17179d05b1	"keyword:transcription(3.0e-16),keyword:bzip(3.0e-16)"
7113	LIB3067-053-Q1-K1-G10	keyword:transcription(3.0e-17)
7114	LIB3076-028-Q1-K1-D8	keyword:transcription(3.0e-18)
7115	8178_1.R1011	keyword:transcription(3.0e-30)
7116	nwy700448386.h1	keyword:transcription(3.0e-31)
7117	11608_1.R1011	keyword:transcription(3.0e-41)
7118	2657_1.R1011	keyword:transcription(3.0e-43)
7119	5023_3.R1011	keyword:transcription(3.0e-44)
7120	6349_1.R1011	"keyword:transcription(3.0e-44),keyword:transcription(3.0e-44)"
7121	ceu700425940.h1	keyword:transcription(3.0e-51)
7122	14201_1.R1011	keyword:transcription(4.0e-09)
7123	xyt700343119.h1	keyword:transcription(4.0e-09)
7124	311932_1.R1011	keyword:transcription(4.0e-12)
7125	uC-zmflmo17038d06a1	keyword:transcription(4.0e-12)
7126	154114_1.R1011	keyword:transcription(4.0e-13)
7127	LIB143-037-Q1-E1-H11	"keyword:transcription(4.0e-13),keyword:bzip(4.0e-13)"
7128	271980_1.R1011	keyword:transcription(4.0e-16)
7129	124369_1.R1011	keyword:transcription(4.0e-17)
7130	gwl700614836.h1	keyword:transcription(4.0e-18)
7131	LIB3069-032-Q1-K1-C12	"keyword:transcription(4.0e-18),keyword:mads(4.0e-18)"
7132	5023_2.R1011	"keyword:transcription(4.0e-31),keyword:transcription(4.0e-31)"
7133	nwy700446918.h1	keyword:transcription(4.0e-39)
7134	2609_2.R1011	keyword:transcription(4.0e-40)
7135	pwr700451543.h1	keyword:transcription(4.0e-40)
7136	86434_1.R1011	"keyword:transcription(4.0e-45),keyword:dna-binding(4.0e-45)"
7137	11093_1.R1011	"keyword:transcription(4.0e-45),keyword:myb(4.0e-45)"
7138	55766_1.R1011	keyword:transcription(4.0e-48)
7139	37338_1.R1011	"keyword:transcription(5.0e-10),keyword:helix-loop-helix(5.0e-10)"
7140	uC-zmrob73071g10b1	"keyword:transcription(5.0e-11),keyword:myb(5.0e-11)"
7141	wyr700237256.h1	"keyword:transcription(5.0e-11),keyword:zinc-finger(5.0e-11)"
7142	82982_1.R1011	"keyword:transcription(5.0e-

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 2169\_21.R1011  
 91111\_1.R1011  
 131111\_1.R1011  
 218278\_1.R1011  
 5023\_1.R1011  
 nwy700443419.h1  
 13158\_1.R1011  
  
 pwr700450159.h1  
 92367\_1.R1011  
 fdz701158813.h1  
  
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 29007\_2.R1011  
  
 uC-zmflb73119b11b1  
  
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 cyk700051948.fl  
  
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 18919\_1.R1011  
 16811\_2.R1011  
 LIB3075-033-Q1-K1-G12  
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 LIB143-037-Q1-E1-H12  
  
 80550\_1.R1011  
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 9875\_4.R1011  
 LIB3069-021-Q1-K1-F10  
 LIB143-022-Q1-E1-H3  
 uC-zmflmo17166h10b1  
 2449\_1.R1011  
 nbm700471392.h1  
 19767\_4.R1011  
  
 tfd700570064.h1  
 cyk700050660.fl  
 LIB148-026-Q1-E1-C5  
 11848\_1.R1011  
 303599\_1.R1011  
  
 ceu700433593.h1  
 7\_6.R1011

17),keyword:bzip(5.0e-17)"  
 keyword:transcription(5.0e-18)  
 keyword:transcription(5.0e-25)  
 keyword:transcription(5.0e-29)  
 keyword:transcription(5.0e-30)  
 keyword:transcription(5.0e-32)  
 keyword:transcription(5.0e-38)  
 keyword:transcription(5.0e-40)  
 "keyword:transcription(5.0e-44),keyword:transcription(5.0e-44)"  
 keyword:transcription(5.0e-62)  
 keyword:transcription(5.0e-76)  
 "keyword:transcription(5.0e-98),keyword:dna-binding(5.0e-98)"  
 keyword:transcription(6.0e-09)  
 "keyword:transcription(6.0e-10),keyword:bzip(6.0e-10)"  
 "keyword:transcription(6.0e-10),keyword:mads(6.0e-10)"  
 keyword:transcription(6.0e-11)  
 "keyword:transcription(6.0e-12),keyword:myb(6.0e-12)"  
 keyword:transcription(6.0e-14)  
 "keyword:transcription(6.0e-14),keyword:mads(6.0e-14)"  
 keyword:transcription(6.0e-15)  
 keyword:transcription(6.0e-16)  
 keyword:transcription(6.0e-18)  
 "keyword:transcription(6.0e-50),keyword:dna-binding(6.0e-50)"  
 "keyword:transcription(7.0e-09),keyword:bzip(7.0e-09)"  
 keyword:transcription(7.0e-12)  
 keyword:transcription(7.0e-13)  
 keyword:transcription(7.0e-14)  
 keyword:transcription(7.0e-14)  
 keyword:transcription(7.0e-15)  
 keyword:transcription(7.0e-21)  
 keyword:transcription(7.0e-22)  
 keyword:transcription(7.0e-23)  
 "keyword:transcription(7.0e-24),keyword:Leucine-zipper(7.0e-24)"  
 keyword:transcription(7.0e-29)  
 keyword:transcription(7.0e-39)  
 keyword:transcription(7.0e-48)  
 keyword:transcription(7.0e-50)  
 "keyword:transcription(7.0e-52),keyword:myb(7.0e-52)"  
 keyword:transcription(7.0e-60)  
 keyword:transcription(7.0e-69)

7182	uC-zmrob73044d01a1	keyword:transcription(8.0e-11)
7183	LIB3136-005-Q1-K1-H1	keyword:transcription(8.0e-14)
7184	rvt700551584.h1	keyword:transcription(8.0e-14)
7185	103772_1.R1011	keyword:transcription(8.0e-15)
7186	3785_1.R1011	keyword:transcription(8.0e-16)
7187	15330_1.R1011	keyword:transcription(8.0e-17)
7188	16811_1.R1011	keyword:transcription(8.0e-17)
7189	LIB189-002-Q1-E1-F8	keyword:transcription(8.0e-19)
7190	135317_1.R1011	keyword:transcription(8.0e-23)
7191	LIB3180-042-P2-M2-H7	keyword:transcription(8.0e-23)
7192	uC-zmroteosinte119b07b1	keyword:transcription(8.0e-24)
7193	LIB3068-058-Q1-K1-H12	keyword:transcription(8.0e-26)
7194	6249_3.R1011	keyword:transcription(8.0e-35)
7195	uC-zmflmo17288f08b1	keyword:transcription(8.0e-38)
7196	32814_1.R1011	keyword:transcription(8.0e-42)
7197	6_3.R1011	keyword:transcription(8.0e-42)
7198	62098_1.R1011	keyword:transcription(8.0e-44)
7199	349760_1.R1011	keyword:transcription(8.0e-75)
7200	24738_1.R1011	keyword:transcription(8.0e-81)
7201	nwy700444094.h1	keyword:transcription(8.0e-94)
7202	tfd700572388.h1	keyword:transcription(9.0e-09)
7203	nbm700468802.h1	keyword:transcription(9.0e-12)
7204	LIB3068-002-Q1-K1-F4	keyword:transcription(9.0e-16)
7205	rvl700455926.h1	"keyword:transcription(9.0e-17),keyword:myb(9.0e-17)"
7206	LIB3075-027-Q1-K1-G6	keyword:transcription(9.0e-18)
7207	fwa700101582.h1	keyword:transcription(9.0e-22)
7208	8195_1.R1011	"keyword:transcription(9.0e-24),keyword:myb(9.0e-24),keyword:dna-binding(9.0e-24)"
7209	6_2.R1011	keyword:transcription(9.0e-28)
7210	fC-zmfl700350656f5	keyword:transcription(9.0e-32)
7211	19569_2.R1011	keyword:transcription(9.0e-39)
7212	891_3.R1011	keyword:transcription(9.0e-40)
7213	56396_2.R1011	keyword:zinc-finger(1.0e-08)
7214	LIB83-005-Q1-E1-C7	keyword:zinc-finger(1.0e-08)
7215	mwy700438785.h1	keyword:zinc-finger(1.0e-08)
7216	uC-zmroteosinte015b01b1	keyword:zinc-finger(1.0e-09)
7217	1070_2.R1011	keyword:zinc-finger(1.0e-10)
7218	12540_1.R1011	keyword:zinc-finger(1.0e-10)
7219	141_1.R1011	keyword:zinc-finger(1.0e-11)
7220	303328_1.R1011	keyword:zinc-finger(1.0e-11)
7221	xmt700265383.h1	keyword:zinc-finger(1.0e-11)
7222	xsy700217136.h1	keyword:zinc-finger(1.0e-11)
7223	LIB143-018-Q1-E1-D8	keyword:zinc-finger(1.0e-12)
7224	ceu700426732.h1	keyword:zinc-finger(1.0e-149)
7225	pwr700451935.h1	keyword:zinc-finger(1.0e-159)
7226	tfd700574213.h1	keyword:zinc-finger(1.0e-159)
7227	LIB3116-012-Q1-K1-H7	keyword:zinc-finger(1.0e-20)
7228	12060_1.R1011	keyword:zinc-finger(1.0e-21)
7229	95886_1.R1011	keyword:zinc-finger(1.0e-21)
7230	qmh700026514.fl	keyword:zinc-finger(1.0e-21)
7231	110514_1.R1011	keyword:zinc-finger(1.0e-25)

7232	48620_1.R1011	"keyword:zinc-finger(1.0e-27),keyword:zinc-finger(1.0e-27)"
7233	98658_1.R1011	keyword:zinc-finger(1.0e-29)
7234	69092_1.R1011	keyword:zinc-finger(1.0e-31)
7235	uC-zmflmo17278c12b1	keyword:zinc-finger(1.0e-31)
7236	uC-zmflb73251c10b3	keyword:zinc-finger(1.0e-32)
7237	LIB3136-020-Q1-K1-F12	keyword:zinc-finger(1.0e-46)
7238	111402_1.R1011	keyword:zinc-finger(1.0e-53)
7239	38258_1.R1011	keyword:zinc-finger(1.0e-58)
7240	ceu700421842.h1	keyword:zinc-finger(1.0e-69)
7241	3705_1.R1011	keyword:zinc-finger(1.0e-79)
7242	315_2.R1011	keyword:zinc-finger(2.0e-09)
7243	LIB3068-038-Q1-K1-E9	keyword:zinc-finger(2.0e-09)
7244	LIB3088-026-Q1-K1-C10	keyword:zinc-finger(2.0e-09)
7245	gct701176142.h1	keyword:zinc-finger(2.0e-09)
7246	uC-zmflb73318g12b1	keyword:zinc-finger(2.0e-09)
7247	uC-zmflmo17209h09a1	keyword:zinc-finger(2.0e-09)
7248	LIB143-066-Q1-E1-D5	"keyword:zinc-finger(2.0e-09),keyword:zinc-finger(2.0e-09)"
7249	gct701179745.h1	keyword:zinc-finger(2.0e-13)
7250	139119_1.R1011	keyword:zinc-finger(2.0e-14)
7251	41089_1.R1011	keyword:zinc-finger(2.0e-14)
7252	60441_1.R1011	keyword:zinc-finger(2.0e-14)
7253	wyr700240731.h1	keyword:zinc-finger(2.0e-15)
7254	pmx700091129.h1	keyword:zinc-finger(2.0e-16)
7255	211826_1.R1011	keyword:zinc-finger(2.0e-18)
7256	4551_1.R1011	keyword:zinc-finger(2.0e-21)
7257	108484_1.R1011	keyword:zinc-finger(2.0e-22)
7258	LIB3069-015-Q1-K1-E12	keyword:zinc-finger(2.0e-22)
7259	uC-zmflmo17169b05a1	keyword:zinc-finger(2.0e-23)
7260	148963_1.R1011	keyword:zinc-finger(2.0e-25)
7261	afb700381219.h1	"keyword:zinc-finger(2.0e-25),keyword:dna-binding(2.0e-25)"
7262	uC-zmromo17114a10a1	keyword:zinc-finger(2.0e-26)
7263	235707_1.R1011	keyword:zinc-finger(2.0e-44)
7264	uC-zmflmo17045b02b1	keyword:zinc-finger(2.0e-51)
7265	33948_1.R1011	keyword:zinc-finger(2.0e-55)
7266	45561_1.R1011	keyword:zinc-finger(2.0e-72)
7267	5627_1.R1011	keyword:zinc-finger(2.0e-84)
7268	uC-zmflmo17255d06a1	keyword:zinc-finger(2.0e-84)
7269	34802_1.R1011	keyword:zinc-finger(3.0e-10)
7270	6756_1.R1011	keyword:zinc-finger(3.0e-10)
7271	qmh700029080.fl	keyword:zinc-finger(3.0e-10)
7272	LIB3180-001-P1-M1-G11	keyword:zinc-finger(3.0e-13)
7273	uC-zmflb73291a01b1	keyword:zinc-finger(3.0e-13)
7274	uC-zmflm017214f03b1	keyword:zinc-finger(3.0e-15)
7275	fdz701163081.h1	keyword:zinc-finger(3.0e-17)
7276	wen700335463.h1	keyword:zinc-finger(3.0e-17)
7277	241453_1.R1011	keyword:zinc-finger(3.0e-18)
7278	8180_1.R1011	keyword:zinc-finger(3.0e-18)
7279	fdz701160396.h1	keyword:zinc-finger(3.0e-20)



7280	320594_1.R1011	keyword:zinc-finger(3.0e-21)
7281	8146_5.R1011	keyword:zinc-finger(3.0e-32)
7282	uC-zmroteosinte040b03b1	keyword:zinc-finger(3.0e-39)
7283	LIB3152-040-P1-K1-E9	keyword:zinc-finger(4.0e-09)
7284	xsy700210857.h1	keyword:zinc-finger(4.0e-09)
7285	LIB3076-047-Q1-K1-B9	keyword:zinc-finger(4.0e-10)
7286	21287_1.R1011	keyword:zinc-finger(4.0e-19)
7287	hbs701181114.h1	keyword:zinc-finger(4.0e-19)
7288	LIB3059-045-Q1-K1-E6	keyword:zinc-finger(4.0e-20)
7289	ypc700799261.h1	keyword:zinc-finger(4.0e-23)
7290	uC-zmrob73055c11b1	keyword:zinc-finger(4.0e-33)
7291	301563_1.R1011	keyword:zinc-finger(4.0e-35)
7292	LIB3061-056-Q1-K1-B6	keyword:zinc-finger(4.0e-44)
7293	36891_1.R1011	keyword:zinc-finger(4.0e-54)
7294	6485_1.R1011	keyword:zinc-finger(4.0e-77)
7295	6093_1.R1011	keyword:zinc-finger(5.0e-09)
7296	fC-zmfl700350656f6	keyword:zinc-finger(5.0e-17)
7297	uC-zmflb73222c08a1	keyword:zinc-finger(5.0e-26)
7298	wen700332218.h1	keyword:zinc-finger(6.0e-09)
7299	LIB189-032-Q1-E1-E9	"keyword:zinc-finger(6.0e-10),keyword:zinc-finger(6.0e-10)"
7300	315_1.R1011	keyword:zinc-finger(6.0e-13)
7301	125831_1.R1011	keyword:zinc-finger(6.0e-15)
7302	wyr700240174.h1	keyword:zinc-finger(6.0e-20)
7303	167506_1.R1011	keyword:zinc-finger(6.0e-24)
7304	yyf700348065.h1	keyword:zinc-finger(6.0e-25)
7305	38258_3.R1011	keyword:zinc-finger(6.0e-47)
7306	38258_2.R1011	keyword:zinc-finger(7.0e-09)
7307	LIB3181-003-P1-M1-B8	keyword:zinc-finger(7.0e-09)
7308	15618_1.R1011	keyword:zinc-finger(7.0e-12)
7309	cyk700051804.fl	keyword:zinc-finger(7.0e-15)
7310	29327_1.R1011	keyword:zinc-finger(7.0e-19)
7311	wen700333650.h1	keyword:zinc-finger(7.0e-37)
7312	LIB3069-021-Q1-K1-B7	keyword:zinc-finger(8.0e-12)
7313	uC-zmrob73066a07b1	keyword:zinc-finger(8.0e-16)
7314	ceu700434640.h1	keyword:zinc-finger(8.0e-17)
7315	kem700612172.h1	keyword:zinc-finger(8.0e-19)
7316	52214_1.R1011	keyword:zinc-finger(8.0e-22)
7317	98658_2.R1011	keyword:zinc-finger(8.0e-22)
7318	38258_5.R1011	keyword:zinc-finger(8.0e-31)
7319	21203_1.R1011	keyword:zinc-finger(8.0e-47)
7320	uC-zmflb73091f05b2	keyword:zinc-finger(9.0e-16)
7321	hbs701183413.h1	krab(HMM:3.6e-05)
7322	LIB148-007-Q1-E1-H9	lim(HMM:0.0007)
7323	LIB3066-032-Q1-K1-B12	lim(HMM:0.001)
7324	211710_1.R1011	lim(HMM:0.0021)
7325	LIB3075-048-Q1-K1-D11	lim(HMM:0.055)
7326	uC-zmroteosinte017b09b1	lim(HMM:0.097)
7327	gct701174937.h1	lim(HMM:0.16)
7328	101_4.R1011	lim(HMM:0.35)
7329	pmx700086732.h1	lim(HMM:0.42)
7330	1647_2.R1011	lim(HMM:1.2e-31)
7331	106476_1.R1011	lim(HMM:1.3e-11)

7332	g3341091	lim(HMM:1.7e-11)
7333	1647_4.R1011	lim(HMM:1.9e-14)
7334	fC-zmle700870883a1	lim(HMM:1.9e-14)
7335	uC-zmflmo17303c04b1	lim(HMM:1e-21)
7336	1647_3.R1011	lim(HMM:2.2e-14)
7337	1647_1.R1011	lim(HMM:2.2e-32)
7338	wyr700235386.h1	lim(HMM:3.1e-06)
7339	xsy700208410.h1	lim(HMM:3.9e-12)
7340	uC-zmflmo17169d03a1	lim(HMM:3.9e-22)
7341	fdz701158756.h1	lim(HMM:4.4e-09)
7342	pwr700450670.h1	lim(HMM:4.7e-10)
7343	94503_1.R1011	lim(HMM:4.9e-14)
7344	101_2.R1011	lim(HMM:4e-14)
7345	hbs701182729.h1	lim(HMM:5.2e-06)
7346	101_1.R1011	lim(HMM:8.3e-33)
7347	83525_1.R1011	lim(HMM:8e-32)
7348	756_8.R1011	linker_histone(HMM:0.00018)
7349	LIB3137-001-Q1-K1-A5	linker_histone(HMM:0.00022)
7350	uC-zmflb73178a11b1	linker_histone(HMM:0.00047)
7351	756_3.R1011	linker_histone(HMM:0.00052)
7352	LIB3150-101-P1-N1-A3	linker_histone(HMM:0.0076)
7353	LIB3076-019-Q1-K1-B5	linker_histone(HMM:0.0096)
7354	uC-zmflmo17069f02b1	linker_histone(HMM:0.36)
7355	g4585618	linker_histone(HMM:1.1e-22)
7356	666_2.R1011	linker_histone(HMM:1.5e-30)
7357	uC-zmflmo17308b11b1	linker_histone(HMM:1.6e-05)
7358	LIB3069-035-Q1-K1-A11	linker_histone(HMM:1.9e-10)
7359	g5268367	linker_histone(HMM:1.9e-23)
7360	14297_1.R1011	linker_histone(HMM:1.9e-34)
7361	4905_2.R1011	linker_histone(HMM:1e-24)
7362	180_1.R1011	"linker_histone(HMM:2.7e-07),myb_dna-binding(HMM:6.5e-05)"
7363	rvt700550793.h1	linker_histone(HMM:2.9)
7364	756_4.R1011	linker_histone(HMM:3.4e-33)
7365	19893_2.R1011	linker_histone(HMM:4.3e-05)
7366	LIB3076-020-Q1-K1-B1	linker_histone(HMM:4e-07)
7367	19893_1.R1011	linker_histone(HMM:5.5e-22)
7368	4905_1.R1011	linker_histone(HMM:5e-33)
7369	14369_1.R1011	"linker_histone(HMM:8.1e-10),myb_dna-binding(HMM:2.1e-05)"
7370	LIB3067-044-Q1-K1-F9	linker_histone(HMM:8.4)
7371	uC-zmflmo17153e05b1	linker_histone(HMM:8.6)
7372	756_1.R1011	linker_histone(HMM:9.6e-35)
7373	108800_1.R1011	linker_histone(HMM:9.7e-13)
7374	tzu700203222.h1	myb_dna-binding(HMM:0.00013)
7375	1086_2.R1011	myb_dna-binding(HMM:0.0002)
7376	92085_1.R1011	myb_dna-binding(HMM:0.00023)
7377	119067_1.R1011	myb_dna-binding(HMM:0.00025)
7378	235108_1.R1011	myb_dna-

7379	6030_1.R1011	binding(HMM:0.00026)
		myb_dna-binding(HMM:0.00049)
7380	uwc700151452.h1	myb_dna-binding(HMM:0.00086)
7381	47690_1.R1011	myb_dna-binding(HMM:0.00096)
7382	g3157223	myb_dna-binding(HMM:0.001)
7383	129899_1.R1011	myb_dna-binding(HMM:0.0012)
7384	9893_3.R1011	myb_dna-binding(HMM:0.0019)
7385	uC-zmflb73085c02b2	myb_dna-binding(HMM:0.0021)
7386	242350_1.R1011	myb_dna-binding(HMM:0.0024)
7387	965_13.R1011	myb_dna-binding(HMM:0.0025)
7388	uC-zmrob73057g12a1	myb_dna-binding(HMM:0.0026)
7389	141721_1.R1011	myb_dna-binding(HMM:0.0027)
7390	111722_1.R1011	myb_dna-binding(HMM:0.003)
7391	wty700167056.h1	myb_dna-binding(HMM:0.0063)
7392	13671_1.R1011	myb_dna-binding(HMM:0.013)
7393	ymt700219745.h1	myb_dna-binding(HMM:0.015)
7394	100888_1.R1011	myb_dna-binding(HMM:0.034)
7395	LIB3150-093-P1-N1-A8	myb_dna-binding(HMM:0.059)
7396	56162_2.R1011	myb_dna-binding(HMM:0.067)
7397	rvt700550259.h1	myb_dna-binding(HMM:0.087)
7398	3037_1.R1011	myb_dna-binding(HMM:0.1)
7399	wty700170367.h1	myb_dna-binding(HMM:0.11)
7400	62090_2.R1011	myb_dna-binding(HMM:0.13)
7401	9893_2.R1011	myb_dna-binding(HMM:0.14)
7402	ypc700805836.h1	myb_dna-binding(HMM:0.18)
7403	1124_5.R1011	myb_dna-binding(HMM:0.27)
7404	fxb700397574.h1	myb_dna-binding(HMM:0.43)
7405	uC-zmflmo17344c12b1	myb_dna-binding(HMM:0.44)
7406	1124_3.R1011	myb_dna-binding(HMM:1.1e-10)
7407	LIB3079-030-Q1-K1-F3	myb_dna-binding(HMM:1.1e-10)
7408	tzv700203377.h1	myb_dna-binding(HMM:1.2e-21)
7409	18719_1.R1011	myb_dna-binding(HMM:1.3e-10)
7410	18719_2.R1011	myb_dna-binding(HMM:1.3e-10)
7411	ceu700422519.h1	myb_dna-binding(HMM:1.4e-16)
7412	uer700577328.h1	myb_dna-binding(HMM:1.4e-17)
7413	86820_1.R1011	myb_dna-binding(HMM:1.4e-21)
7414	g1491932	myb_dna-binding(HMM:1.4e-45)
7415	g168589	myb_dna-binding(HMM:1.4e-45)
7416	196036_1.R1011	myb_dna-binding(HMM:1.5e-08)
7417	49266_1.R1011	myb_dna-binding(HMM:1.5e-16)
7418	134451_1.R1011	myb_dna-binding(HMM:1.6e-10)
7419	LIB3151-057-Q1-K1-E8	myb_dna-binding(HMM:1.6e-20)
7420	g168591	myb_dna-binding(HMM:1.7e-22)
7421	965_23.R1011	myb_dna-binding(HMM:1.7e-42)
7422	14894_1.R1011	myb_dna-binding(HMM:1.8e-40)
7423	81644_2.R1011	myb_dna-binding(HMM:1.9e-05)
7424	35267_2.R1011	myb_dna-binding(HMM:1.9e-06)
7425	gct701176532.h1	myb_dna-binding(HMM:1.9e-11)
7426	uC-zmroB73017f11b1	myb_dna-binding(HMM:1.9e-11)
7427	71261_1.R1011	myb_dna-binding(HMM:1.9e-37)
7428	uC-zmflb73162h04b2	myb_dna-binding(HMM:1e-07)

7429	116851_1.R1011	myb_dna-binding(HMM:2.1e-10)
7430	uC-zmrob73076b09b1	myb_dna-binding(HMM:2.1e-12)
7431	43747_1.R1011	myb_dna-binding(HMM:2.1e-35)
7432	11369_2.R1011	myb_dna-binding(HMM:2.2e-07)
7433	LIB3180-030-P2-M2-G3	myb_dna-binding(HMM:2.2e-07)
7434	8195_2.R1011	myb_dna-binding(HMM:2.3e-09)
7435	47781_1.R1011	myb_dna-binding(HMM:2.4e-19)
7436	uC-zmflmo17394f11a1	myb_dna-binding(HMM:2.4e-27)
7437	35267_1.R1011	myb_dna-binding(HMM:2.4e-39)
7438	37039_3.R1011	myb_dna-binding(HMM:2.4e-44)
7439	119527_1.R1011	myb_dna-binding(HMM:2.5e-11)
7440	1086_1.R1011	myb_dna-binding(HMM:2.5e-24)
7441	uC-zmflb73143e02b1	myb_dna-binding(HMM:2.5e-42)
7442	211273_1.R1011	myb_dna-binding(HMM:2.6e-06)
7443	360_1.R1011	myb_dna-binding(HMM:2.6e-11)
7444	ypc700802849.h1	myb_dna-binding(HMM:2.6e-20)
7445	wyr700237918.h1	myb_dna-binding(HMM:2.7e-06)
7446	wyr700243864.h1	myb_dna-binding(HMM:2.8e-05)
7447	LIB3078-013-Q1-K1-H9	myb_dna-binding(HMM:2.8e-11)
7448	14894_3.R1011	myb_dna-binding(HMM:2.9e-41)
7449	1334_1.R1011	myb_dna-binding(HMM:3.4)
7450	qmh700027865.f1	myb_dna-binding(HMM:3.7e-05)
7451	tzv700204208.h1	myb_dna-binding(HMM:3.7e-14)
7452	92525_1.R1011	myb_dna-binding(HMM:3e-45)
7453	wty700171752.h1	myb_dna-binding(HMM:4.1e-07)
7454	14894_2.R1011	myb_dna-binding(HMM:4.1e-39)
7455	9893_4.R1011	myb_dna-binding(HMM:4.4)
7456	46504_1.R1011	"myb_dna-binding(HMM:4.5e-08),zz(HMM:1.2e-11)"
7457	uC-zmrob73011a04b1	myb_dna-binding(HMM:4.5e-15)
7458	120679_1.R1011	myb_dna-binding(HMM:4.7e-37)
7459	uC-zmflmo17176a01b1	myb_dna-binding(HMM:4.8e-19)
7460	uC-zmflb73017a03b1	myb_dna-binding(HMM:4.8e-21)
7461	8195_3.R1011	myb_dna-binding(HMM:4.9e-10)
7462	37039_4.R1011	myb_dna-binding(HMM:4.9e-23)
7463	136974_1.R1011	myb_dna-binding(HMM:4e-09)
7464	44418_1.R1011	myb_dna-binding(HMM:4e-12)
7465	g5268844	myb_dna-binding(HMM:4e-41)
7466	224582_1.R1011	myb_dna-binding(HMM:5.4e-23)
7467	278384_1.R1011	myb_dna-binding(HMM:5.6e-19)
7468	44418_2.R1011	myb_dna-binding(HMM:5.8e-06)
7469	vux700159730.h1	myb_dna-binding(HMM:5.9e-10)
7470	133302_1.R1011	myb_dna-binding(HMM:5.9e-41)
7471	uC-zmflmo17173b11b1	myb_dna-binding(HMM:5e-11)
7472	65645_1.R1011	myb_dna-binding(HMM:6.4e-40)
7473	180_3.R1011	myb_dna-binding(HMM:6.5e-05)
7474	3753_1.R1011	myb_dna-binding(HMM:6.6e-05)
7475	3005_5.R1011	myb_dna-binding(HMM:6.6e-16)
7476	pwr700450354.h1	myb_dna-binding(HMM:6.6e-20)
7477	uC-zmflmo17052e02b1	myb_dna-binding(HMM:6e-25)
7478	LIB84-023-Q1-E1-D6	myb_dna-binding(HMM:7.4e-12)
7479	224186_1.R1011	myb_dna-binding(HMM:7.5e-09)
7480	uC-zmflb73025b03b2	myb_dna-binding(HMM:7.5e-35)
7481	111964_1.R1011	myb_dna-binding(HMM:7.6e-39)

7482	354078_1.R1011	myb_dna-binding(HMM:7.8e-09)
7483	uC-zmflb73234b10b2	myb_dna-binding(HMM:8.1e-13)
7484	LIB189-026-Q1-E1-F3	myb_dna-binding(HMM:8.2e-22)
7485	81644_1.R1011	myb_dna-binding(HMM:8.6e-20)
7486	63048_1.R1011	myb_dna-binding(HMM:8.7e-11)
7487	qmh700026342.f1	myb_dna-binding(HMM:8.9e-21)
7488	9893_1.R1011	myb_dna-binding(HMM:9.1e-15)
7489	37039_2.R1011	myb_dna-binding(HMM:9.3e-45)
7490	xsy700211270.h1	myb_dna-binding(HMM:9.4e-20)
7491	fC-zmro700835640f1	myb_dna-binding(HMM:9.9)
7492	pwr700451947.h1	myc_n_term(HMM:1.3e-07)
7493	LIB3062-027-Q1-K1-G5	nam(HMM:0.00016)
7494	126476_1.R1011	nam(HMM:0.00025)
7495	wyr700240279.h1	nam(HMM:0.00045)
7496	108682_1.R1011	nam(HMM:0.00048)
7497	tfd700574820.h1	nam(HMM:0.0008)
7498	LIB3060-045-Q1-K1-G6	nam(HMM:0.0013)
7499	xsy700208075.h1	nam(HMM:0.0013)
7500	LIB3060-022-Q1-K1-C4	nam(HMM:0.0027)
7501	95404_1.R1011	nam(HMM:0.0029)
7502	54370_1.R1011	nam(HMM:0.0038)
7503	45380_1.R1011	nam(HMM:0.0041)
7504	LIB3060-029-Q1-K1-C8	nam(HMM:0.01)
7505	134883_1.R1011	nam(HMM:0.027)
7506	201218_1.R1011	nam(HMM:0.052)
7507	LIB3117-005-Q1-K1-A2	nam(HMM:0.2)
7508	wyr700235447.h1	nam(HMM:0.22)
7509	LIB3137-041-Q1-K1-C9	nam(HMM:0.27)
7510	206869_1.R1011	nam(HMM:0.72)
7511	301_1.R1011	nam(HMM:1.1e-06)
7512	uC-zmrob73057e10a1	nam(HMM:1.1e-06)
7513	73768_1.R1011	nam(HMM:1.1e-48)
7514	124375_1.R1011	nam(HMM:1.1e-71)
7515	wyr700243269.h1	nam(HMM:1.2)
7516	LIB3088-025-Q1-K1-E9	nam(HMM:1.2e-06)
7517	LIB3069-033-Q1-K1-B10	nam(HMM:1.4)
7518	LIB3151-016-Q1-K1-D2	nam(HMM:1.4e-15)
7519	19925_2.R1011	nam(HMM:1.4e-80)
7520	242069_1.R1011	nam(HMM:1.5e-18)
7521	62754_1.R1011	nam(HMM:1.6e-09)
7522	215216_1.R1011	nam(HMM:1.6e-12)
7523	202414_1.R1011	nam(HMM:1.7e-36)
7524	uwc700150130.h1	nam(HMM:1e-10)
7525	uC-zmflmo17132d12b1	nam(HMM:2.1)
7526	10371_3.R1011	nam(HMM:2.1e-22)
7527	46032_4.R1011	nam(HMM:2.3)
7528	cyk700051638.f1	nam(HMM:2.3e-13)
7529	ymt700219252.h1	nam(HMM:2.5e-13)
7530	qmh700028170.f1	nam(HMM:2.6e-08)
7531	vux700157267.h1	nam(HMM:2.6e-08)
7532	24806_3.R1011	nam(HMM:2.7e-83)
7533	12221_1.R1011	nam(HMM:2.8e-41)
7534	24806_2.R1011	nam(HMM:2.8e-67)
7535	dyk700102188.h1	nam(HMM:2.9)

7536	uwc700149818.h1	nam(HMM:3.1e-11)
7537	970_6.R1011	nam(HMM:3.1e-37)
7538	g5555593	nam(HMM:3.2e-64)
7539	30619_1.R1011	nam(HMM:3.3e-79)
7540	207681_1.R1011	nam(HMM:3.5)
7541	uC-zmflmo17160c10b1	nam(HMM:3.5e-09)
7542	uC-zmflmo17336e02b1	nam(HMM:3.7)
7543	LIB3115-029-P1-K1-F7	nam(HMM:3.7e-16)
7544	LIB3136-019-Q1-K1-C9	nam(HMM:3.8e-05)
7545	371645_1.R1011	nam(HMM:4.5e-08)
7546	120771_1.R1011	nam(HMM:4.5e-36)
7547	ymt700221866.h1	nam(HMM:4.6e-10)
7548	uC-zmrob73050h05b1	nam(HMM:4.8e-75)
7549	24806_1.R1011	nam(HMM:4.8e-80)
7550	uC-zmrob73012a06b1	nam(HMM:4e-22)
7551	219835_1.R1011	nam(HMM:5.1e-09)
7552	LIB3182-009-P2-M1-B4	nam(HMM:5.2e-07)
7553	2917_1.R1011	nam(HMM:5.3)
7554	LIB3116-004-Q1-K2-F7	nam(HMM:5.7e-08)
7555	qmh700029568.fl	nam(HMM:5.8)
7556	115174_1.R1011	nam(HMM:5.8e-34)
7557	LIB3182-016-P2-M1-F1	nam(HMM:6.1e-06)
7558	LIB3066-040-Q1-K1-A5	nam(HMM:6.2e-05)
7559	wyr700239811.h1	nam(HMM:6.2e-06)
7560	205197_2.R1011	nam(HMM:6.3e-11)
7561	tz700201601.h1	nam(HMM:6.8)
7562	hbs701182246.h1	nam(HMM:6.8e-05)
7563	121716_1.R1011	nam(HMM:6.9e-06)
7564	xmt700265206.h1	nam(HMM:6.9e-39)
7565	10371_1.R1011	nam(HMM:6.9e-77)
7566	LIB3150-079-P1-N1-E4	nam(HMM:7.7e-16)
7567	19925_3.R1011	nam(HMM:7.9e-27)
7568	LIB3076-012-Q1-K1-F12	nam(HMM:8.1e-08)
7569	205197_1.R1011	nam(HMM:8.3e-14)
7570	uC-zmflb73083h12b2	nam(HMM:8.4e-08)
7571	uC-zmflmo170114g01b1	nam(HMM:8.4e-37)
7572	970_5.R1011	nam(HMM:8.5e-43)
7573	LIB3151-013-Q1-K1-H9	nam(HMM:9.3e-32)
7574	uC-zmflb73187e11b1	nam(HMM:9.7e-13)
7575	163322_1.R1011	nam(HMM:9.9e-10)
7576	118388_1.R1011	nam(HMM:9.9e-20)
7577	wty700168653.h1	nam(HMM:9e-06)
7578	uC-zmflmo17283a03b1	nam(HMM:9e-09)
7579	7647_3.R1011	nap_family(HMM:0.0004)
7580	21318_2.R1011	nap_family(HMM:0.0019)
7581	LIB3059-023-Q1-K1-G2	nap_family(HMM:0.0027)
7582	LIB3150-108-P2-K1-C6	nap_family(HMM:0.004)
7583	15810_1.R1011	nap_family(HMM:1.3e-09)
7584	6060_1.R1011	nap_family(HMM:1.5e-13)
7585	7647_1.R1011	nap_family(HMM:1.5e-28)
7586	LIB3150-004-Q1-N1-D4	nap_family(HMM:1.7e-09)
7587	21318_1.R1011	nap_family(HMM:2.3e-136)
7588	7647_2.R1011	nap_family(HMM:3.7e-11)
7589	LIB3062-040-Q1-K1-G7	nap_family(HMM:6.7e-16)

7590	g4885774	nap_family(HMM:6e-10)
7591	xyt700343958.h1	nap_family(HMM:9.8e-09)
7592	rvt700552474.h1	nap_family(HMM:9e-14)
7593	71771_1.R1011	nap_family(HMM:9e-29)
7594	tzv700201204.h1	phd(HMM:0.00027)
7595	19796_2.R1011	phd(HMM:0.00028)
7596	18004_1.R1011	phd(HMM:0.00053)
7597	uC-zmflb73180d03b1	"phd(HMM:0.00077),zf-c3hc4(HMM:0.0007)"
7598	32_1.R1011	phd(HMM:0.0026)
7599	113229_1.R1011	phd(HMM:0.0042)
7600	111362_1.R1011	phd(HMM:0.0056)
7601	65252_1.R1011	phd(HMM:0.0062)
7602	839_9.R1011	phd(HMM:0.0072)
7603	sem700930118.h1	phd(HMM:0.0072)
7604	133965_1.R1011	phd(HMM:0.01)
7605	35755_1.R1011	phd(HMM:0.045)
7606	227366_1.R1011	phd(HMM:0.11)
7607	39_1.R1011	phd(HMM:0.11)
7608	LIB3076-004-Q1-K1-D10	phd(HMM:0.11)
7609	161337_1.R1011	phd(HMM:0.12)
7610	24_1.R1011	phd(HMM:0.13)
7611	96044_1.R1011	phd(HMM:0.15)
7612	133844_1.R1011	"phd(HMM:0.16),zf-c3hc4(HMM:2.1e-08)"
7613	g5006147	phd(HMM:0.18)
7614	g511367	phd(HMM:0.29)
7615	uC-zmflb73232a09b1	phd(HMM:0.49)
7616	rvt700549516.h1	phd(HMM:1.1e-09)
7617	g4938805	phd(HMM:1.2e-05)
7618	5182_2.R1011	phd(HMM:1.2e-10)
7619	33917_1.R1011	phd(HMM:1.2e-11)
7620	18361_3.R1011	phd(HMM:1.4e-12)
7621	LIB3059-004-Q1-K1-G10	phd(HMM:1.5e-05)
7622	18361_6.R1011	phd(HMM:1.5e-12)
7623	LIB3079-026-Q1-K1-C12	phd(HMM:1.5e-13)
7624	33_1.R1011	phd(HMM:1.7e-26)
7625	33_2.R1011	phd(HMM:1.8e-06)
7626	37_1.R1011	phd(HMM:2.1e-17)
7627	33917_2.R1011	phd(HMM:2.2e-11)
7628	170811_1.R1011	phd(HMM:2.4e-11)
7629	31_1.R1011	phd(HMM:2.7e-10)
7630	80836_1.R1011	phd(HMM:2.9e-06)
7631	85816_1.R1011	phd(HMM:3.1)
7632	149233_1.R1011	phd(HMM:3.3e-11)
7633	2345_1.R1011	phd(HMM:3.4e-12)
7634	34_1.R1011	phd(HMM:3.9e-10)
7635	12886_1.R1011	"phd(HMM:4.6e-11),zf-c3hc4(HMM:0.11)"
7636	65563_1.R1011	phd(HMM:4e-06)
7637	4863_1.R1011	phd(HMM:4e-11)
7638	53455_1.R1011	phd(HMM:5.6e-12)
7639	19796_1.R1011	phd(HMM:6.9e-11)
7640	5182_1.R1011	phd(HMM:7.9e-11)

7641	ypc700806368.h1	response_reg(HMM:0.00012)
7642	65085_2.R1011	response_reg(HMM:0.00013)
7643	LIB3180-050-P2-M1-A9	response_reg(HMM:0.00014)
7644	uC-zmflmo17226h04a1	response_reg(HMM:0.00041)
7645	uC-zmrob73055d04b1	response_reg(HMM:0.0014)
7646	130_2.R1011	response_reg(HMM:0.0032)
7647	ymt700223944.h1	response_reg(HMM:0.0039)
7648	LIB3079-004-Q1-K1-A2	response_reg(HMM:0.0064)
7649	xjt700094034.h1	response_reg(HMM:0.0081)
7650	LIB3079-022-Q1-K1-C1	response_reg(HMM:1.1e-05)
7651	65085_1.R1011	response_reg(HMM:1.2)
7652	337940_1.R1011	response_reg(HMM:1.2e-14)
7653	92601_1.R1011	response_reg(HMM:1.3e-31)
7654	451_2.R1011	response_reg(HMM:1.4e-28)
7655	uC-zmflmo17122e02b1	response_reg(HMM:1.6e-06)
7656	uC-zmflb73145a08b1	response_reg(HMM:1.7e-23)
7657	16902_1.R1011	response_reg(HMM:1.7e-27)
7658	127220_1.R1011	response_reg(HMM:1.9e-25)
7659	40825_1.R1011	response_reg(HMM:1e-21)
7660	39702_1.R1011	response_reg(HMM:2.1e-33)
7661	93258_1.R1011	response_reg(HMM:2.7e-15)
7662	130_1.R1011	response_reg(HMM:2e-24)
7663	85312_1.R1011	response_reg(HMM:3.1e-31)
7664	262612_1.R1011	response_reg(HMM:3.3)
7665	uC-zmflmo17228b09a1	response_reg(HMM:3.3e-33)
7666	uC-zmflmo17d08b1	response_reg(HMM:3.6e-11)
7667	3176_1.R1011	response_reg(HMM:3.7e-28)
7668	uC-zmflb73267e04b2	response_reg(HMM:3e-05)
7669	33496_1.R1011	response_reg(HMM:4.1e-11)
7670	83822_1.R1011	response_reg(HMM:4.3e-07)
7671	121995_1.R1011	response_reg(HMM:4.3e-10)
7672	451_1.R1011	response_reg(HMM:5.4e-31)
7673	5057_2.R1011	response_reg(HMM:5.7e-29)
7674	uC-zmflmo17225f10a1	response_reg(HMM:6.2e-19)
7675	uC-zmflmo17252b11a1	response_reg(HMM:6.6e-21)
7676	89322_1.R1011	response_reg(HMM:6.7e-12)
7677	uC-zmflmo17169d11a1	response_reg(HMM:7.2e-05)
7678	36385_1.R1011	response_reg(HMM:7.9e-11)
7679	LIB3059-026-Q1-K1-H6	response_reg(HMM:8.9e-05)
7680	5057_1.R1011	response_reg(HMM:9.1e-30)
7681	LIB3069-024-Q1-K1-G9	runt(HMM:0.008)
7682	LIB3136-001-P1-K1-D6	sbpb(HMM:0.00086)
7683	uC-zmflb73276d09b1	sbpb(HMM:0.0046)
7684	g4753364	sbpb(HMM:1.1e-12)
7685	pmx700084920.h1	sbpb(HMM:1.3e-10)
7686	cat700019575.r1	sbpb(HMM:1.4e-13)
7687	uwc700150553.h1	sbpb(HMM:1.4e-39)
7688	qmh700030362.fl	sbpb(HMM:1.7e-10)
7689	67995_1.R1011	sbpb(HMM:1.8e-34)
7690	62560_1.R1011	sbpb(HMM:2.2e-05)
7691	235145_1.R1011	sbpb(HMM:2.4e-15)
7692	83914_1.R1011	sbpb(HMM:3.1e-25)
7693	uC-zmflb73113c09a2	sbpb(HMM:3.3e-18)
7694	241_44.R1011	sbpb(HMM:4.5e-39)



7695	1173_1.R1011	sbpb(HMM:4.6e-44)
7696	LIB3069-037-Q1-K1-C4	sbpb(HMM:5.8e-10)
7697	xyt700343163.h1	sbpb(HMM:5.8e-16)
7698	uC-zmflb73372c09a1	sbpb(HMM:8.1)
7699	afb700381372.h1	scan(HMM:2.2e-09)
7700	LIB3116-007-Q1-K1-E8	scr(HMM:0.00088)
7701	cyk700051838.fl	scr(HMM:0.0022)
7702	LIB3136-038-P1-K1-F6	scr(HMM:0.0036)
7703	uC-zmflmol17275c01a1	scr(HMM:0.005)
7704	uC-zmroteosinte016b06b1	scr(HMM:0.006)
7705	218432_1.R1011	scr(HMM:0.0084)
7706	55105_1.R1011	scr(HMM:0.0085)
7707	240174_1.R1011	scr(HMM:0.029)
7708	2021_9.R1011	scr(HMM:1.3)
7709	mwy700442142.h1	scr(HMM:1.3e-05)
7710	31248_1.R1011	scr(HMM:1.4e-27)
7711	86173_1.R1011	scr(HMM:1.6e-37)
7712	LIB3279-008-P1-K1-A1	scr(HMM:1.7e-05)
7713	70371_1.R1011	scr(HMM:1.7e-14)
7714	85163_1.R1011	scr(HMM:1.9e-13)
7715	1042_1.R1011	scr(HMM:1.9e-16)
7716	6174_1.R1011	scr(HMM:2.1e-27)
7717	g4152171	scr(HMM:2.3)
7718	LIB3069-022-Q1-K1-E10	scr(HMM:2.3e-22)
7719	kem700612202.h1	scr(HMM:2.3e-24)
7720	LIB83-013-Q1-E1-F6	scr(HMM:2.4e-06)
7721	645_2.R1011	scr(HMM:2.5e-68)
7722	60554_1.R1011	scr(HMM:2.6e-48)
7723	35597_1.R1011	scr(HMM:2.8e-05)
7724	LIB148-030-Q1-E1-E4	scr(HMM:2.9e-30)
7725	gct701173786.h1	scr(HMM:3.8e-12)
7726	uC-zmflb73073f08b3	scr(HMM:4.2e-10)
7727	uC-zmflmol17064f12b1	scr(HMM:4.3e-10)
7728	33292_1.R1011	scr(HMM:4.8e-114)
7729	uC-zmroB73014d08b1	scr(HMM:5.3e-06)
7730	19366_1.R1011	scr(HMM:5.3e-20)
7731	LIB3076-032-Q1-K1-C4	scr(HMM:5.7e-14)
7732	LIB3076-014-Q1-K1-F6	scr(HMM:6.3e-15)
7733	19366_2.R1011	scr(HMM:6.5e-07)
7734	39453_1.R1011	scr(HMM:6.8e-06)
7735	177209_1.R1011	scr(HMM:7.2e-19)
7736	2021_4.R1011	scr(HMM:7.2e-20)
7737	fdz701163921.h1	scr(HMM:7.4e-09)
7738	uC-zmflb73033d10b1	scr(HMM:7.4e-15)
7739	91255_1.R1011	scr(HMM:7.5e-07)
7740	44990_1.R1011	scr(HMM:7.7e-12)
7741	101733_1.R1011	scr(HMM:8.8e-17)
7742	xsy700212015.h1	scr(HMM:8.8e-32)
7743	14366_1.R1011	scr(HMM:9.2e-18)
7744	uC-zmflmol17289a06b1	scr(HMM:9.3e-05)
7745	72518_1.R1011	scr(HMM:9.3e-12)
7746	wyr700237065.h1	scr(HMM:9.7e-06)
7747	ntr700074722.h1	scr(HMM:9.9e-28)
7748	ceu700432452.h1	set(HMM:0.00016)

7749	nwy700445574.h1	set(HMM:0.0002)
7750	159774_1.R1011	set(HMM:0.00046)
7751	159774_2.R1011	set(HMM:0.00059)
7752	yne700378914.h1	set(HMM:0.00059)
7753	LIB3075-019-Q1-K1-E9	set(HMM:0.00076)
7754	uC-zmflb73150d09b1	set(HMM:0.0012)
7755	LIB3116-015-P1-K1-H1	set(HMM:0.0015)
7756	4642_1.R1011	set(HMM:0.07)
7757	112014_1.R1011	set(HMM:0.12)
7758	201970_1.R1011	set(HMM:0.14)
7759	82277_1.R1011	set(HMM:0.85)
7760	xjt700096952.h1	set(HMM:1.1e-11)
7761	uC-zmflb731230c05a1	set(HMM:1.1e-12)
7762	1755_1.R1011	set(HMM:1.1e-36)
7763	54645_1.R1011	set(HMM:1.1e-46)
7764	uC-zmflb73230c10b2	set(HMM:1.3e-06)
7765	LIB3079-056-Q1-K1-E1	set(HMM:1.5e-15)
7766	121625_1.R1011	set(HMM:1.5e-20)
7767	LIB3075-013-Q1-K1-F1	set(HMM:1.6e-12)
7768	70655_1.R1011	set(HMM:1.6e-26)
7769	afb700381224.h1	set(HMM:1.7e-06)
7770	gct701180481.h1	set(HMM:1.7e-13)
7771	uC-zmflb73139a02b1	set(HMM:1.8e-05)
7772	9482_1.R1011	set(HMM:1.8e-23)
7773	4193_1.R1011	set(HMM:1.8e-50)
7774	138441_1.R1011	set(HMM:1.9e-14)
7775	8673_1.R1011	set(HMM:2.6e-05)
7776	211176_1.R1011	set(HMM:2.7)
7777	5363_1.R1011	set(HMM:3.1e-26)
7778	LIB3062-051-Q1-K1-A12	set(HMM:3.2)
7779	5332_1.R1011	set(HMM:3.3e-34)
7780	78685_1.R1011	set(HMM:4e-06)
7781	LIB3150-023-Q1-N1-F1	set(HMM:4e-11)
7782	uC-zmroteosinte008f10b1	set(HMM:5.3e-53)
7783	140423_1.R1011	set(HMM:5.4e-55)
7784	cjh700196512.h1	set(HMM:6.4e-14)
7785	42686_1.R1011	set(HMM:7.8e-44)
7786	fdz701160861.h1	set(HMM:8.2e-08)
7787	107223_1.R1011	set(HMM:9.5e-19)
7788	18141_1.R1011	set(HMM:9.7e-07)
7789	rvl700456152.h1	set(HMM:9.9e-13)
7790	LIB3067-013-Q1-K1-F4	"snf2_n(HMM:0.00016),zf-c3hc4(HMM:0.18)"
7791	104440_1.R1011	snf2_n(HMM:0.006)
7792	nbm700468170.h1	snf2_n(HMM:0.083)
7793	LIB3066-024-Q1-K1-F6	snf2_n(HMM:0.75)
7794	85215_1.R1011	snf2_n(HMM:0.78)
7795	96331_1.R1011	snf2_n(HMM:1.1e-45)
7796	uC-zmflmo17223c09b1	snf2_n(HMM:1.3e-17)
7797	nbm700473042.h1	snf2_n(HMM:1.6e-26)
7798	uC-zmflmo17066b08b1	snf2_n(HMM:1.7e-10)
7799	6150_1.R1011	snf2_n(HMM:1.8e-141)
7800	225672_1.R1011	snf2_n(HMM:1.9e-25)
7801	xsy700207459.h1	snf2_n(HMM:2.2e-08)

7802	LIB3076-019-Q1-K1-F10	snf2_n(HMM:2.4e-13)
7803	219582_1.R1011	snf2_n(HMM:2.6e-06)
7804	6423_1.R1011	snf2_n(HMM:2.6e-15)
7805	gct701167820.h1	snf2_n(HMM:2.9e-19)
7806	98888_1.R1011	snf2_n(HMM:3.1e-10)
7807	5603_1.R1011	"snf2_n(HMM:3.1e-14),zf-c3hc4(HMM:0.0097)"
7808	21514_1.R1011	snf2_n(HMM:3.5e-07)
7809	22960_1.R1011	snf2_n(HMM:3.5e-12)
7810	3233_1.R1011	snf2_n(HMM:3e-23)
7811	LIB3159-002-Q1-K1-E3	snf2_n(HMM:4e-13)
7812	123229_1.R1011	snf2_n(HMM:7.5e-17)
7813	271062_1.R1011	snf2_n(HMM:8.2e-20)
7814	uC-zmflmol17262b09b1	snf2_n(HMM:8.4e-09)
7815	33998_1.R1011	snf2_n(HMM:8.8e-46)
7816	55025_1.R1011	snf2_n(HMM:9.1e-10)
7817	uC-zmflb73275a12b1	srf-tf(HMM:0.00028)
7818	LIB3279-011-P1-K1-D3	srf-tf(HMM:0.00063)
7819	LIB189-006-Q1-E1-G12	srf-tf(HMM:0.0036)
7820	uC-zmflmol17259b12b1	srf-tf(HMM:0.14)
7821	uC-zmflmol17068a10b1	srf-tf(HMM:0.79)
7822	112_4.R1011	srf-tf(HMM:1.1e-35)
7823	LIB3076-018-Q1-K1-A4	srf-tf(HMM:1.2e-17)
7824	uC-zmflmol17039a04b1	srf-tf(HMM:1.4e-29)
7825	LIB3069-009-Q1-K1-H3	srf-tf(HMM:1.5e-33)
7826	CPR9103_L30684201_FL	srf-tf(HMM:1.5e-37)
7827	LIB3069-036-Q1-K1-H9	srf-tf(HMM:1.6e-23)
7828	uC-zmflmol17223f08b1	srf-tf(HMM:1.7)
7829	uC-zmflb73114g10b1	srf-tf(HMM:1.8e-13)
7830	166_2.R1011	srf-tf(HMM:1.9e-29)
7831	uC-zmflmol17001d12b1	srf-tf(HMM:1e-14)
7832	LIB3077-002-Q1-K1-D11	srf-tf(HMM:2.1e-12)
7833	71280_1.R1011	srf-tf(HMM:2.1e-29)
7834	xmt700261644.h1	srf-tf(HMM:2.3)
7835	uwc700151223.h1	srf-tf(HMM:2.5e-09)
7836	LIB3067-028-Q1-K1-H6	srf-tf(HMM:2.6e-23)
7837	166_3.R1011	srf-tf(HMM:2e-30)
7838	111_1.R1011	srf-tf(HMM:2e-35)
7839	LIB3062-002-Q1-K2-B3	srf-tf(HMM:2e-35)
7840	LIB3075-043-Q1-K1-D3	srf-tf(HMM:3.1e-33)
7841	uC-zmflmol17068a10b2	srf-tf(HMM:3.3)
7842	LIB3068-061-Q1-K1-E2	srf-tf(HMM:3.3e-11)
7843	uC-zmflb73003f02b1	srf-tf(HMM:3.6e-06)
7844	g939782	srf-tf(HMM:3.7e-33)
7845	LIB3181-009-P1-K2-C3	srf-tf(HMM:3.9e-36)
7846	611_4.R1011	srf-tf(HMM:3e-36)
7847	uC-zmflb73301e08b2	srf-tf(HMM:3e-36)
7848	122_4.R1011	srf-tf(HMM:3e-37)
7849	uC-zmflmol17184g02b1	srf-tf(HMM:4.2e-10)
7850	543_8.R1011	srf-tf(HMM:4.2e-34)
7851	uC-zmflmol17202h01b1	srf-tf(HMM:4.4e-35)
7852	uC-zmflmol17171b06b1	srf-tf(HMM:4.4e-36)
7853	LIB189-012-Q1-E1-F6	srf-tf(HMM:4.9e-14)
7854	9_1.R1011	srf-tf(HMM:4e-32)

7855	LIB3079-023-Q1-K1-H5	srf-tf(HMM:5.3e-05)
7856	dyk700106944.h1	srf-tf(HMM:5.3e-05)
7857	uC-zmroteosinte058g09b2	srf-tf(HMM:7.2e-16)
7858	g793901	srf-tf(HMM:8.3e-32)
7859	LIB3116-001-Q1-K1-G1	srf-tf(HMM:9.4e-09)
7860	606_1.R1011	tbp(HMM:2.2e-81)
7861	606_2.R1011	tbp(HMM:2.2e-81)
7862	102306_1.R1011	teo(HMM:0.0025)
7863	250289_1.R1011	teo(HMM:0.19)
7864	cat700020547.r1	teo(HMM:0.69)
7865	pmx700086592.h1	teo(HMM:0.88)
7866	LIB3137-013-Q1-K1-A5	teo(HMM:1.1e-27)
7867	135315_1.R1011	teo(HMM:1.6e-08)
7868	uC-zmflmo17190b11b1	teo(HMM:1.7e-05)
7869	105868_1.R1011	teo(HMM:1.8e-13)
7870	LIB84-008-Q1-E1-C5	teo(HMM:2.9)
7871	g5268663	teo(HMM:2e-07)
7872	LIB84-026-Q1-E1-F3	teo(HMM:3e-11)
7873	g2051978	teo(HMM:5.1e-29)
7874	uC-zmflmo17123d12a1	tfiis(HMM:0.00064)
7875	141904_1.R1011	tfiis(HMM:0.00068)
7876	44455_1.R1011	tfiis(HMM:0.087)
7877	g5714238	tfiis(HMM:0.087)
7878	356480_1.R1011	tfiis(HMM:3.5e-19)
7879	2200_1.R1011	tfiis(HMM:3.5e-20)
7880	149396_1.R1011	tfiis(HMM:3e-07)
7881	20390_1.R1011	tfiis(HMM:4e-12)
7882	21886_1.R1011	tfiis(HMM:4e-12)
7883	2200_2.R1011	tfiis(HMM:5.3e-21)
7884	dyk700105135.h1	transcript_fac2(HMM:0.057)
7885	g4804552	transcript_fac2(HMM:2e-17)
7886	10_1.R1011	transcript_fac2(HMM:6e-54)
7887	LIB3150-080-P2-N2-D2	trihelix(HMM:0.061)
7888	35673_1.R1011	trihelix(HMM:1.3e-57)
7889	uC-zmflb73137a02b1	trihelix(HMM:2.5e-06)
7890	xjt700095936.h1	trihelix(HMM:2.6e-10)
7891	10776_1.R1011	trihelix(HMM:2.7e-09)
7892	238186_1.R1011	trihelix(HMM:3.8e-07)
7893	234329_1.R1011	trihelix(HMM:3.9e-18)
7894	80958_1.R1011	trihelix(HMM:5.6e-56)
7895	xjt700095983.h1	trihelix(HMM:7.2e-18)
7896	uC-zmroteosinte105d05b1	wrky(HMM:0.00016)
7897	fwa700097379.h1	wrky(HMM:0.00022)
7898	LIB3069-037-Q1-K1-A10	wrky(HMM:0.0021)
7899	cyk700048751.fl	wrky(HMM:0.0022)
7900	16821_1.R1011	wrky(HMM:0.004)
7901	LIB3069-004-Q1-K1-F1	wrky(HMM:0.005)
7902	uC-zmflb73168d03a1	wrky(HMM:0.0084)
7903	262895_1.R1011	wrky(HMM:0.17)
7904	353348_1.R1011	wrky(HMM:0.17)
7905	85014_1.R1011	wrky(HMM:1.1e-38)
7906	gct701174191.h1	wrky(HMM:1.3e-29)
7907	wyr700241062.h1	wrky(HMM:1.4)
7908	clt700043633.fl	wrky(HMM:1.4e-12)

7909	14223_1.R1011	wrky(HMM:1.4e-36)
7910	LIB3116-028-P1-K1-A11	wrky(HMM:1.7e-09)
7911	uC-zmflb73017d01b1	wrky(HMM:1.8e-35)
7912	94980_1.R1011	wrky(HMM:1.8e-39)
7913	120742_1.R1011	wrky(HMM:1.9e-33)
7914	clt700041878.fl	wrky(HMM:2.1e-18)
7915	226212_1.R1011	wrky(HMM:2.2e-17)
7916	54216_2.R1011	wrky(HMM:2.2e-29)
7917	wyr700236840.h1	wrky(HMM:2.6)
7918	54216_1.R1011	wrky(HMM:2.6e-25)
7919	LIB84-010-Q1-E1-F10	wrky(HMM:3.2e-21)
7920	uwc700151333.h1	wrky(HMM:3.4e-08)
7921	409_1.R1011	wrky(HMM:3.4e-44)
7922	153602_1.R1011	wrky(HMM:3.6e-18)
7923	gwl700613365.h1	wrky(HMM:3.7e-08)
7924	23750_1.R1011	wrky(HMM:3.8e-07)
7925	182_1.R1011	wrky(HMM:3e-44)
7926	8386_1.R1011	wrky(HMM:4.2e-37)
7927	153602_3.R1011	wrky(HMM:4e-25)
7928	36570_1.R1011	wrky(HMM:5.3e-07)
7929	68895_1.R1011	wrky(HMM:5.3e-31)
7930	uC-zmroteosinte107d12b2	wrky(HMM:5.8e-17)
7931	151396_1.R1011	wrky(HMM:5e-19)
7932	153602_2.R1011	wrky(HMM:5e-20)
7933	206462_1.R1011	wrky(HMM:7.1e-38)
7934	24372_2.R1011	wrky(HMM:7.1e-40)
7935	47925_1.R1011	wrky(HMM:7.4e-26)
7936	dyk700106359.h1	wrky(HMM:7.8e-09)
7937	pmx700082065.h1	wrky(HMM:8.4e-05)
7938	uC-zmflb73147h04b1	wrky(HMM:8.8)
7939	xdb700337862.h1	wrky(HMM:9.9e-05)
7940	pmx700089722.h1	wrky(HMM:9.9e-38)
7941	gct701167914.h1	wrky(HMM:9e-15)
7942	g5268376	wrky(HMM:9e-41)
7943	142_1.R1011	"zf-b_box(HMM:0.00024),zf-constans(HMM:4.3e-32)"
7944	142_2.R1011	"zf-b_box(HMM:0.00024),zf-constans(HMM:4.3e-32)"
7945	68636_2.R1011	"zf-b_box(HMM:0.0075),zf-constans(HMM:3.7e-38)"
7946	61495_1.R1011	"zf-b_box(HMM:0.063),zf-constans(HMM:3.9e-15)"
7947	8146_2.R1011	"zf-b_box(HMM:0.088),zf-constans(HMM:3.9e-39)"
7948	157403_1.R1011	zf-c2h2(HMM:0.00021)
7949	wyr700240638.h1	zf-c2h2(HMM:0.00024)
7950	53008_1.R1011	zf-c2h2(HMM:0.00025)
7951	419_1.R1011	zf-c2h2(HMM:0.00056)
7952	LIB3115-015-P1-K1-F5	zf-c2h2(HMM:0.0008)
7953	41347_1.R1011	zf-c2h2(HMM:0.00091)
7954	209161_1.R1011	zf-c2h2(HMM:0.00099)
7955	LIB3069-042-Q1-K1-H12	zf-c2h2(HMM:0.0014)
7956	116608_1.R1011	zf-c2h2(HMM:0.0018)
7957	fdz701160730.h1	zf-c2h2(HMM:0.0022)

7958	57582_1.R1011	zf-c2h2(HMM:0.0024)
7959	fC-zmst700894694a1	zf-c2h2(HMM:0.0027)
7960	uC-zmflb73027h12b1	zf-c2h2(HMM:0.0029)
7961	tfd700572733.h1	zf-c2h2(HMM:0.0052)
7962	ceu700432333.h1	zf-c2h2(HMM:0.0054)
7963	uC-zmflb73267e03b2	zf-c2h2(HMM:0.0091)
7964	94328_1.R1011	zf-c2h2(HMM:0.01)
7965	LIB3079-021-Q1-K1-H8	zf-c2h2(HMM:0.015)
7966	LIB3088-019-Q1-K1-F8	zf-c2h2(HMM:0.017)
7967	LIB3136-023-Q1-K1-C2	zf-c2h2(HMM:0.017)
7968	LIB3151-023-Q1-K1-G2	zf-c2h2(HMM:0.022)
7969	157260_1.R1011	zf-c2h2(HMM:0.033)
7970	uC-zmflb73260g05b2	zf-c2h2(HMM:0.043)
7971	347503_1.R1011	zf-c2h2(HMM:0.071)
7972	pwr700453237.h1	zf-c2h2(HMM:0.087)
7973	14895_1.R1011	zf-c2h2(HMM:0.1)
7974	16240_1.R1011	zf-c2h2(HMM:1.3e-05)
7975	cat700017019.r1	zf-c2h2(HMM:1.6e-07)
7976	191_1.R1011	zf-c2h2(HMM:1.6e-15)
7977	g4966708	zf-c2h2(HMM:1.8e-10)
7978	xyt700346018.h1	zf-c2h2(HMM:1.9e-25)
7979	411_1.R1011	zf-c2h2(HMM:2.2e-07)
7980	uer700582866.h1	zf-c2h2(HMM:2.4e-06)
7981	138701_1.R1011	zf-c2h2(HMM:3.2e-05)
7982	LIB3068-001-Q1-K1-C7	zf-c2h2(HMM:3.2e-34)
7983	1085_1.R1011	zf-c2h2(HMM:3.4e-28)
7984	415_1.R1011	zf-c2h2(HMM:3.6e-09)
7985	yyf700352188.h1	zf-c2h2(HMM:3.6e-21)
7986	250790_1.R1011	zf-c2h2(HMM:4.8e-05)
7987	uC-zmflmo17070f07b1	zf-c2h2(HMM:4e-06)
7988	419_3.R1011	zf-c2h2(HMM:6.8e-09)
7989	262434_1.R1011	zf-c2h2(HMM:6.9e-10)
7990	312453_1.R1011	zf-c2h2(HMM:7.1e-06)
7991	g3170600	zf-c2h2(HMM:7.7e-09)
7992	nwy700447294.h1	zf-c2h2(HMM:8.4e-19)
7993	LIB189-028-Q1-E1-F5	zf-c2h2(HMM:9.7e-07)
7994	159463_1.R1011	zf-c3hc4(HMM:0.00013)
7995	uC-zmflmo17109f03b1	zf-c3hc4(HMM:0.00014)
7996	11_1.R1011	zf-c3hc4(HMM:0.00018)
7997	51111_1.R1011	zf-c3hc4(HMM:0.00018)
7998	LIB3069-015-Q1-K1-B8	zf-c3hc4(HMM:0.00028)
7999	43883_1.R1011	zf-c3hc4(HMM:0.001)
8000	11838_1.R1011	zf-c3hc4(HMM:0.0014)
8001	2513_1.R1011	zf-c3hc4(HMM:0.002)
8002	145261_1.R1011	zf-c3hc4(HMM:0.0029)
8003	LIB3150-081-P1-N1-C6	zf-c3hc4(HMM:0.0029)
8004	27662_1.R1011	zf-c3hc4(HMM:0.004)
8005	163_1.R1011	zf-c3hc4(HMM:0.0042)
8006	LIB3157-017-Q1-K1-E7	zf-c3hc4(HMM:0.0042)
8007	164747_1.R1011	zf-c3hc4(HMM:0.0046)
8008	116629_2.R1011	zf-c3hc4(HMM:0.0053)
8009	50182_1.R1011	zf-c3hc4(HMM:0.0053)
8010	54242_1.R1011	zf-c3hc4(HMM:0.0056)
8011	pmx700091647.h1	zf-c3hc4(HMM:0.0061)

8012	76340_1.R1011	zf-c3hc4(HMM:0.0076)
8013	324272_1.R1011	zf-c3hc4(HMM:0.0093)
8014	pmx700086948.h1	zf-c3hc4(HMM:0.0098)
8015	10592_1.R1011	zf-c3hc4(HMM:0.011)
8016	fdz701164649.h1	zf-c3hc4(HMM:0.011)
8017	39463_1.R1011	zf-c3hc4(HMM:0.012)
8018	13279_2.R1011	zf-c3hc4(HMM:0.013)
8019	79049_1.R1011	zf-c3hc4(HMM:0.013)
8020	8752_1.R1011	zf-c3hc4(HMM:0.013)
8021	uC-zmrob73002f12b1	zf-c3hc4(HMM:0.013)
8022	246800_1.R1011	zf-c3hc4(HMM:0.014)
8023	clt700045409.fl	zf-c3hc4(HMM:0.014)
8024	uC-zmflb73160d12a1	zf-c3hc4(HMM:0.014)
8025	213_3.R1011	zf-c3hc4(HMM:0.017)
8026	wty700170408.h1	zf-c3hc4(HMM:0.017)
8027	12729_4.R1011	zf-c3hc4(HMM:0.018)
8028	56078_2.R1011	zf-c3hc4(HMM:0.018)
8029	8752_3.R1011	zf-c3hc4(HMM:0.02)
8030	uC-zmflmol17269f10b1	zf-c3hc4(HMM:0.021)
8031	12729_1.R1011	zf-c3hc4(HMM:0.022)
8032	12729_7.R1011	zf-c3hc4(HMM:0.022)
8033	59524_1.R1011	zf-c3hc4(HMM:0.023)
8034	66723_1.R1011	zf-c3hc4(HMM:0.034)
8035	5954_1.R1011	zf-c3hc4(HMM:0.04)
8036	12212_1.R1011	zf-c3hc4(HMM:0.044)
8037	70802_1.R1011	zf-c3hc4(HMM:0.052)
8038	82069_1.R1011	zf-c3hc4(HMM:0.053)
8039	103280_1.R1011	zf-c3hc4(HMM:0.054)
8040	103280_2.R1011	zf-c3hc4(HMM:0.054)
8041	uC-zmroteosinte096f02b2	zf-c3hc4(HMM:0.056)
8042	181_1.R1011	zf-c3hc4(HMM:0.059)
8043	afb700381537.h1	zf-c3hc4(HMM:0.06)
8044	3393_1.R1011	zf-c3hc4(HMM:0.065)
8045	182784_1.R1011	zf-c3hc4(HMM:0.066)
8046	275059_1.R1011	zf-c3hc4(HMM:0.069)
8047	324734_1.R1011	zf-c3hc4(HMM:0.073)
8048	qmh700027480.fl	zf-c3hc4(HMM:0.074)
8049	612_5.R1011	zf-c3hc4(HMM:0.077)
8050	72452_1.R1011	zf-c3hc4(HMM:0.078)
8051	uC-zmrob73054b08a1	zf-c3hc4(HMM:0.083)
8052	uC-zmflb73019d10b1	zf-c3hc4(HMM:0.086)
8053	LIB189-003-Q1-E1-E7	zf-c3hc4(HMM:0.089)
8054	154523_1.R1011	zf-c3hc4(HMM:0.09)
8055	qmh700030296.fl	zf-c3hc4(HMM:0.094)
8056	g3340896	zf-c3hc4(HMM:0.1)
8057	g4967174	zf-c3hc4(HMM:0.11)
8058	26273_1.R1011	zf-c3hc4(HMM:0.14)
8059	93164_2.R1011	zf-c3hc4(HMM:0.3)
8060	14776_2.R1011	zf-c3hc4(HMM:0.49)
8061	uC-zmflmol17076a01b1	zf-c3hc4(HMM:0.52)
8062	26865_1.R1011	zf-c3hc4(HMM:0.59)
8063	14776_3.R1011	zf-c3hc4(HMM:0.65)
8064	LIB3136-026-Q1-K1-B3	zf-c3hc4(HMM:0.75)
8065	14776_1.R1011	zf-c3hc4(HMM:0.93)

8066	LIB3180-021-P2-M1-B3	zf-c3hc4(HMM:0.99)
8067	26398_1.R1011	zf-c3hc4(HMM:1.1e-07)
8068	47763_1.R1011	zf-c3hc4(HMM:1.1e-09)
8069	64464_1.R1011	zf-c3hc4(HMM:1.1e-09)
8070	76138_1.R1011	zf-c3hc4(HMM:1.1e-10)
8071	24928_1.R1011	zf-c3hc4(HMM:1.1e-11)
8072	76005_1.R1011	zf-c3hc4(HMM:1.1e-11)
8073	LIB3159-007-Q1-K1-F12	zf-c3hc4(HMM:1.1e-11)
8074	uC-zmflb73271c07a1	zf-c3hc4(HMM:1.2)
8075	g5525869	zf-c3hc4(HMM:1.2e-09)
8076	11122_1.R1011	zf-c3hc4(HMM:1.2e-11)
8077	19677_1.R1011	zf-c3hc4(HMM:1.2e-11)
8078	93164_1.R1011	zf-c3hc4(HMM:1.3e-09)
8079	uC-zmflmo17169b10a1	zf-c3hc4(HMM:1.3e-09)
8080	148037_1.R1011	zf-c3hc4(HMM:1.3e-10)
8081	wty700164124.h1	zf-c3hc4(HMM:1.4e-09)
8082	4582_2.R1011	zf-c3hc4(HMM:1.5)
8083	9403_1.R1011	zf-c3hc4(HMM:1.5e-05)
8084	g4646402	zf-c3hc4(HMM:1.5e-05)
8085	105_4.R1011	zf-c3hc4(HMM:1.5e-08)
8086	108416_1.R1011	zf-c3hc4(HMM:1.5e-09)
8087	12986_1.R1011	"zf-c3hc4(HMM:1.6e-13),zz(HMM:8e-11)"
8088	3192_1.R1011	zf-c3hc4(HMM:1.9)
8089	159039_1.R1011	zf-c3hc4(HMM:1.9e-06)
8090	36843_1.R1011	zf-c3hc4(HMM:1.9e-06)
8091	ceu700430292.h1	zf-c3hc4(HMM:1.9e-10)
8092	23974_2.R1011	zf-c3hc4(HMM:1e-06)
8093	68707_1.R1011	zf-c3hc4(HMM:1e-09)
8094	uC-zmromo17009a07a1	zf-c3hc4(HMM:1e-10)
8095	165_1.R1011	zf-c3hc4(HMM:2.1e-08)
8096	73703_1.R1011	zf-c3hc4(HMM:2.1e-10)
8097	8767_1.R1011	zf-c3hc4(HMM:2.2e-06)
8098	8767_2.R1011	zf-c3hc4(HMM:2.2e-06)
8099	414_1.R1011	zf-c3hc4(HMM:2.2e-11)
8100	5462_1.R1011	zf-c3hc4(HMM:2.3e-05)
8101	360600_1.R1011	zf-c3hc4(HMM:2.3e-06)
8102	10589_1.R1011	zf-c3hc4(HMM:2.3e-10)
8103	LIB3069-004-Q1-K1-D7	zf-c3hc4(HMM:2.3e-10)
8104	116629_1.R1011	zf-c3hc4(HMM:2.4e-08)
8105	56775_1.R1011	zf-c3hc4(HMM:2.4e-12)
8106	tz700205411.h1	zf-c3hc4(HMM:2.4e-12)
8107	29304_1.R1011	zf-c3hc4(HMM:2.5e-07)
8108	6572_1.R1011	zf-c3hc4(HMM:2.5e-08)
8109	15090_3.R1011	zf-c3hc4(HMM:2.6e-12)
8110	105_10.R1011	zf-c3hc4(HMM:2.7e-08)
8111	41932_1.R1011	zf-c3hc4(HMM:2.7e-08)
8112	uC-zmflmo17004a08b1	zf-c3hc4(HMM:2.7e-10)
8113	136215_1.R1011	zf-c3hc4(HMM:2.8e-05)
8114	g5058662	zf-c3hc4(HMM:2.8e-10)
8115	74958_2.R1011	zf-c3hc4(HMM:2.9)
8116	66897_1.R1011	zf-c3hc4(HMM:2.9e-06)
8117	103753_1.R1011	zf-c3hc4(HMM:2.9e-11)
8118	612_3.R1011	zf-c3hc4(HMM:2.9e-11)



8119	55104_1.R1011	zf-c3hc4(HMM:2e-07)
8120	LIB3159-015-Q1-K1-F8	zf-c3hc4(HMM:2e-11)
8121	13931_1.R1011	zf-c3hc4(HMM:3.1e-07)
8122	13931_2.R1011	zf-c3hc4(HMM:3.1e-07)
8123	10054_1.R1011	zf-c3hc4(HMM:3.1e-08)
8124	14102_1.R1011	zf-c3hc4(HMM:3.1e-09)
8125	35482_1.R1011	zf-c3hc4(HMM:3.2e-06)
8126	134535_1.R1011	zf-c3hc4(HMM:3.2e-07)
8127	ymt700221258.h1	zf-c3hc4(HMM:3.2e-07)
8128	1226_1.R1011	zf-c3hc4(HMM:3.2e-10)
8129	84080_1.R1011	zf-c3hc4(HMM:3.2e-10)
8130	135_1.R1011	zf-c3hc4(HMM:3.3e-09)
8131	35908_1.R1011	zf-c3hc4(HMM:3.3e-09)
8132	97413_1.R1011	zf-c3hc4(HMM:3.3e-09)
8133	15090_1.R1011	zf-c3hc4(HMM:3.3e-12)
8134	15090_2.R1011	zf-c3hc4(HMM:3.3e-12)
8135	96979_1.R1011	zf-c3hc4(HMM:3.3e-12)
8136	xyt700345248.h1	zf-c3hc4(HMM:3.3e-12)
8137	42445_1.R1011	zf-c3hc4(HMM:3.4e-08)
8138	43769_1.R1011	zf-c3hc4(HMM:3.4e-08)
8139	uer700577343.h1	zf-c3hc4(HMM:3.6e-09)
8140	10179_1.R1011	zf-c3hc4(HMM:3.7e-07)
8141	179_1.R1011	zf-c3hc4(HMM:3.7e-07)
8142	59363_1.R1011	zf-c3hc4(HMM:3.7e-09)
8143	108386_1.R1011	zf-c3hc4(HMM:3.9e-12)
8144	86845_1.R1011	zf-c3hc4(HMM:3e-07)
8145	18194_2.R1011	zf-c3hc4(HMM:3e-10)
8146	48821_1.R1011	zf-c3hc4(HMM:4.2e-13)
8147	uC-zmroB73070d02b1	zf-c3hc4(HMM:4.3e-05)
8148	14776_4.R1011	zf-c3hc4(HMM:4.6)
8149	uC-zmflmo17201c12b1	zf-c3hc4(HMM:4.8e-10)
8150	81053_1.R1011	zf-c3hc4(HMM:4.8e-12)
8151	121445_1.R1011	zf-c3hc4(HMM:4.8e-13)
8152	36446_1.R1011	zf-c3hc4(HMM:4.9e-07)
8153	154700_1.R1011	zf-c3hc4(HMM:4e-11)
8154	27570_1.R1011	zf-c3hc4(HMM:4e-11)
8155	54870_1.R1011	zf-c3hc4(HMM:5.1e-06)
8156	wyr700243466.h1	zf-c3hc4(HMM:5.1e-10)
8157	uC-zmflmo17169g10a1	zf-c3hc4(HMM:5.2e-05)
8158	afb700381752.h1	zf-c3hc4(HMM:5.4)
8159	11629_1.R1011	zf-c3hc4(HMM:5.4e-11)
8160	34793_1.R1011	zf-c3hc4(HMM:5.5e-10)
8161	12379_1.R1011	zf-c3hc4(HMM:5.6e-05)
8162	12405_1.R1011	zf-c3hc4(HMM:5.6e-07)
8163	160504_1.R1011	zf-c3hc4(HMM:5.8e-05)
8164	g5499490	zf-c3hc4(HMM:5.9e-13)
8165	uC-zmflb73416a03a1	zf-c3hc4(HMM:5e-05)
8166	15315_1.R1011	zf-c3hc4(HMM:5e-10)
8167	uC-zmflmo17125g04b1	zf-c3hc4(HMM:6)
8168	165281_1.R1011	zf-c3hc4(HMM:6.1e-10)
8169	7605_1.R1011	zf-c3hc4(HMM:6.2e-05)
8170	uC-zmflb73349g12a2	zf-c3hc4(HMM:6.2e-05)
8171	156153_1.R1011	zf-c3hc4(HMM:6.6e-09)
8172	192_1.R1011	zf-c3hc4(HMM:6.9e-12)

8173	81913_1.R1011	zf-c3hc4(HMM:6e-10)
8174	LIB148-043-Q1-E1-F4	zf-c3hc4(HMM:6e-11)
8175	87354_1.R1011	zf-c3hc4(HMM:6e-12)
8176	234606_1.R1011	zf-c3hc4(HMM:7.2e-07)
8177	18194_1.R1011	zf-c3hc4(HMM:7.2e-11)
8178	fC-zmro700830687d1	zf-c3hc4(HMM:7.2e-11)
8179	45085_2.R1011	zf-c3hc4(HMM:7.3e-09)
8180	tfd700572139.h1	zf-c3hc4(HMM:7.5)
8181	LIB3066-035-Q1-K1-F7	zf-c3hc4(HMM:7.6e-08)
8182	LIB3062-024-Q1-K1-H9	zf-c3hc4(HMM:7.7)
8183	24170_1.R1011	zf-c3hc4(HMM:7.7e-09)
8184	46930_1.R1011	zf-c3hc4(HMM:7.7e-11)
8185	168837_1.R1011	zf-c3hc4(HMM:7e-13)
8186	LIB3067-045-Q1-K1-D1	zf-c3hc4(HMM:8.2e-10)
8187	rvt700549916.h1	zf-c3hc4(HMM:8.2e-10)
8188	83740_1.R1011	zf-c3hc4(HMM:8.4e-11)
8189	61691_1.R1011	zf-c3hc4(HMM:8.5e-06)
8190	5889_5.R1011	zf-c3hc4(HMM:8.5e-10)
8191	14670_1.R1011	zf-c3hc4(HMM:8.7e-12)
8192	22644_1.R1011	zf-c3hc4(HMM:8.8e-05)
8193	124447_1.R1011	zf-c3hc4(HMM:8e-08)
8194	66159_1.R1011	zf-c3hc4(HMM:9.5e-10)
8195	LIB36-009-Q1-E1-D11	zf-c3hc4(HMM:9.6e-11)
8196	74958_1.R1011	zf-c3hc4(HMM:9.8e-05)
8197	uC-zmflmol17313f11b1	zf-c3hc4(HMM:9.9e-05)
8198	179_2.R1011	zf-c3hc4(HMM:9e-08)
8199	46477_1.R1011	zf-c3hc4(HMM:9e-09)
8200	72105_1.R1011	zf-ccch(HMM:0.00014)
8201	gwl700617311.h1	zf-ccch(HMM:0.00049)
8202	241_18.R1011	zf-ccch(HMM:0.00065)
8203	ceu700424071.h1	zf-ccch(HMM:0.00071)
8204	192997_2.R1011	zf-ccch(HMM:0.0015)
8205	241_14.R1011	zf-ccch(HMM:0.0044)
8206	192997_1.R1011	zf-ccch(HMM:0.0047)
8207	222263_1.R1011	zf-ccch(HMM:0.0055)
8208	uC-zmflmol17312g01b1	zf-ccch(HMM:0.0058)
8209	LIB3079-034-Q1-K1-B7	zf-ccch(HMM:0.011)
8210	xmt700264760.h1	zf-ccch(HMM:0.011)
8211	uC-zmroteosinte031d02b1	zf-ccch(HMM:0.012)
8212	LIB143-015-Q1-E1-F10	zf-ccch(HMM:0.016)
8213	669_38.R1011	zf-ccch(HMM:0.018)
8214	LIB3137-061-Q1-K1-C2	zf-ccch(HMM:0.019)
8215	95888_1.R1011	zf-ccch(HMM:0.023)
8216	11184_1.R1011	zf-ccch(HMM:0.028)
8217	pmx700082907.h1	zf-ccch(HMM:0.035)
8218	4975_2.R1011	zf-ccch(HMM:0.08)
8219	4975_4.R1011	zf-ccch(HMM:0.08)
8220	4975_5.R1011	zf-ccch(HMM:0.08)
8221	LIB3060-017-Q1-K1-C3	zf-ccch(HMM:0.08)
8222	LIB3159-018-Q1-K1-F2	zf-ccch(HMM:0.098)
8223	LIB3066-019-Q1-K1-A5	zf-ccch(HMM:0.12)
8224	241_32.R1011	zf-ccch(HMM:0.13)
8225	LIB3076-015-Q1-K1-B7	zf-ccch(HMM:0.15)
8226	uwc700155036.h1	zf-ccch(HMM:0.18)

8227	xjt700093378.h1	zf-ccch(HMM:0.2)
8228	305434_1.R1011	zf-ccch(HMM:1.1)
8229	85058_1.R1011	zf-ccch(HMM:1.1e-06)
8230	241_9.R1011	zf-ccch(HMM:1.1e-19)
8231	LIB3150-054-Q1-N1-G6	zf-ccch(HMM:1.3e-05)
8232	241_24.R1011	zf-ccch(HMM:1.4e-08)
8233	43689_2.R1011	zf-ccch(HMM:1.4e-08)
8234	45198_1.R1011	zf-ccch(HMM:1.6e-12)
8235	124725_1.R1011	zf-ccch(HMM:1.7e-07)
8236	171242_1.R1011	zf-ccch(HMM:1.8e-07)
8237	39072_2.R1011	zf-ccch(HMM:1e-05)
8238	g4621377	zf-ccch(HMM:1e-08)
8239	108766_1.R1011	zf-ccch(HMM:2.2e-05)
8240	100614_1.R1011	zf-ccch(HMM:2.4e-06)
8241	wen700331895.h1	zf-ccch(HMM:2.6e-09)
8242	39045_1.R1011	zf-ccch(HMM:2.6e-10)
8243	10942_1.R1011	zf-ccch(HMM:2.8e-08)
8244	tfd700570940.h1	zf-ccch(HMM:2.9)
8245	uC-zmflmol7212f08a1	zf-ccch(HMM:2.9e-19)
8246	241_46.R1011	zf-ccch(HMM:2e-08)
8247	43689_1.R1011	zf-ccch(HMM:3.2e-05)
8248	xsy700208053.h1	zf-ccch(HMM:3.7e-05)
8249	669_4.R1011	zf-ccch(HMM:3.8e-08)
8250	669_19.R1011	zf-ccch(HMM:4.2e-06)
8251	LIB3069-022-Q1-K1-E8	zf-ccch(HMM:4.2e-06)
8252	rvl700458624.h1	zf-ccch(HMM:4.2e-06)
8253	uC-zmflb73056f02b1	zf-ccch(HMM:4.2e-06)
8254	39072_1.R1011	zf-ccch(HMM:4.3e-07)
8255	85058_3.R1011	zf-ccch(HMM:5.4)
8256	67016_1.R1011	zf-ccch(HMM:6e-06)
8257	46780_1.R1011	zf-cchc(HMM:0.00012)
8258	1973_2.R1011	zf-cchc(HMM:0.00013)
8259	15134_1.R1011	zf-cchc(HMM:0.00015)
8260	15134_3.R1011	zf-cchc(HMM:0.00015)
8261	1973_1.R1011	zf-cchc(HMM:0.00015)
8262	21823_2.R1011	zf-cchc(HMM:0.00015)
8263	198110_1.R1011	zf-cchc(HMM:0.00018)
8264	LIB148-057-Q1-E1-D4	zf-cchc(HMM:0.00021)
8265	5025_5.R1011	zf-cchc(HMM:0.00022)
8266	5025_4.R1011	zf-cchc(HMM:0.00023)
8267	14488_1.R1011	zf-cchc(HMM:0.00034)
8268	1470_4.R1011	zf-cchc(HMM:0.00038)
8269	LIB3059-057-Q1-K1-G9	zf-cchc(HMM:0.00043)
8270	5025_1.R1011	zf-cchc(HMM:0.00044)
8271	g5525748	zf-cchc(HMM:0.00067)
8272	g5108105	zf-cchc(HMM:0.0029)
8273	LIB3079-025-Q1-K1-D3	zf-cchc(HMM:0.0037)
8274	nbn700475724.h1	zf-cchc(HMM:0.005)
8275	228532_1.R1011	zf-cchc(HMM:0.014)
8276	209389_1.R1011	zf-cchc(HMM:0.015)
8277	uC-zmflmol7058c11b1	zf-cchc(HMM:0.021)
8278	kem700612104.h1	zf-cchc(HMM:0.022)
8279	zla700380602.h1	zf-cchc(HMM:0.037)
8280	LIB3068-010-Q1-K1-C8	zf-cchc(HMM:0.041)

8281	g3341167	zf-cchc(HMM:0.075)
8282	afb700381773.h1	zf-cchc(HMM:0.13)
8283	1470_24.R1011	zf-cchc(HMM:0.67)
8284	138078_1.R1011	zf-cchc(HMM:1.2e-25)
8285	fdz701161114.h1	zf-cchc(HMM:1.3e-05)
8286	hbs701183301.h1	zf-cchc(HMM:1.5e-05)
8287	gct701174387.h1	zf-cchc(HMM:1.5e-08)
8288	15380_1.R1011	zf-cchc(HMM:1.6e-34)
8289	109815_1.R1011	zf-cchc(HMM:1.8e-29)
8290	1470_1.R1011	zf-cchc(HMM:1.9e-09)
8291	3283_1.R1011	zf-cchc(HMM:2.1e-25)
8292	303232_1.R1011	zf-cchc(HMM:2.4e-05)
8293	178_1.R1011	zf-cchc(HMM:2.5e-16)
8294	185984_1.R1011	zf-cchc(HMM:2.6e-05)
8295	LIB3075-040-Q1-K1-D9	zf-cchc(HMM:2.7e-16)
8296	1470_2.R1011	zf-cchc(HMM:2e-09)
8297	8129_1.R1011	zf-cchc(HMM:3.2e-47)
8298	10584_1.R1011	zf-cchc(HMM:3.9e-05)
8299	uC-zmroteosinte012g04b1	zf-cchc(HMM:3e-08)
8300	nwy700448416.h1	zf-cchc(HMM:4.2e-07)
8301	5300_1.R1011	zf-cchc(HMM:4.5e-06)
8302	15380_2.R1011	zf-cchc(HMM:4.8e-06)
8303	119865_1.R1011	zf-cchc(HMM:4e-05)
8304	uC-zmflb73236d12b1	zf-cchc(HMM:5.2e-08)
8305	nbm700464657.h1	zf-cchc(HMM:6.8e-17)
8306	20468_1.R1011	zf-cchc(HMM:6e-06)
8307	xmt700259359.h1	zf-cchc(HMM:7.5e-05)
8308	fdz701163614.h1	zf-cchc(HMM:7.8e-06)
8309	uC-zmroB73014a05b1	zf-constans(HMM:0.00013)
8310	uC-zmflMol7063f08b1	zf-constans(HMM:0.00038)
8311	xsy700209246.h1	zf-constans(HMM:0.0098)
8312	40402_1.R1011	zf-constans(HMM:0.041)
8313	LIB143-024-Q1-E1-F4	zf-constans(HMM:0.16)
8314	68636_1.R1011	zf-constans(HMM:0.18)
8315	982_2.R1011	zf-constans(HMM:0.28)
8316	LIB3060-050-Q1-K1-B6	zf-constans(HMM:0.48)
8317	uC-zmflb73237g05b2	zf-constans(HMM:1.1e-10)
8318	134910_1.R1011	zf-constans(HMM:1.1e-14)
8319	107610_1.R1011	zf-constans(HMM:1.2e-16)
8320	8146_1.R1011	zf-constans(HMM:1.6e-38)
8321	119960_1.R1011	zf-constans(HMM:2.1e-27)
8322	106090_1.R1011	zf-constans(HMM:2.3e-19)
8323	LIB3136-058-Q1-K1-H11	zf-constans(HMM:2.5e-09)
8324	LIB189-006-Q1-E1-D9	zf-constans(HMM:2.5e-16)
8325	clt700041959.fl	zf-constans(HMM:2.6e-18)
8326	18832_1.R1011	zf-constans(HMM:3.1e-06)
8327	LIB3066-002-Q1-K1-C3	zf-constans(HMM:3.2e-13)
8328	LIB3115-031-P1-K1-H5	zf-constans(HMM:3.2e-13)
8329	8146_4.R1011	zf-constans(HMM:3.2e-39)
8330	13038_2.R1011	zf-constans(HMM:3.7e-11)
8331	123361_1.R1011	zf-constans(HMM:3.8e-16)
8332	13038_1.R1011	zf-constans(HMM:3.9e-11)
8333	xsy700209575.h1	zf-constans(HMM:5.3e-17)
8334	61071_1.R1011	zf-constans(HMM:5.5e-07)

8335	uC-zmflmo17101f11b1	zf-constans(HMM:5.8e-05)
8336	64502_1.R1011	zf-constans(HMM:5.8e-32)
8337	uC-zmflb73181h07b1	zf-constans(HMM:6.1)
8338	LIB3136-044-P1-K1-A4	zf-constans(HMM:6.4e-11)
8339	18330_1.R1011	zf-constans(HMM:7.1e-21)
8340	14661_1.R1011	zf-mynd(HMM:1.4e-07)
8341	965_30.R1011	zf-mynd(HMM:1.8e-05)
8342	965_36.R1011	zf-mynd(HMM:2.5e-11)
8343	224949_1.R1011	zf-mynd(HMM:9.6e-09)
8344	88460_1.R1011	zf-nf-x1(HMM:0.073)
8345	wen700331933.h1	zf-nf-x1(HMM:0.82)
8346	88460_2.R1011	zf-nf-x1(HMM:1.2)
8347	LIB3067-037-Q1-K1-F12	zf-nf-x1(HMM:1.8e-05)
8348	50287_1.R1011	zz(HMM:0.02)
8349	5730_1.R1011	zz(HMM:2e-12)
8350	2912_1.R1011	zz(HMM:6.4e-07)

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Table 6. Transcription factors from rice

SEQ NUM	SEQ ID	Family/Method/E-value
8351	g4968705_frame1	14-3-3(HMM:0.00012)
8352	LIB3434-064-P1-K1-F6_frame2	14-3-3(HMM:0.00056)
8353	617_5.R1084_frame2	14-3-3(HMM:0.00059)
8354	uC-osroM202032b04b1_frame1	14-3-3(HMM:0.0012)
8355	uC-osflm202111e11b1_frame2	14-3-3(HMM:0.0038)
8356	359_1.R1084_frame1	14-3-3(HMM:1.4e-175)
8357	LIB3431-002-P1-K1-B6_frame2	14-3-3(HMM:1.6e-13)
8358	uC-osflcyp002e09b1_frame3	14-3-3(HMM:1.7e-19)
8359	uC-osflcyp080c06a1_frame6	14-3-3(HMM:1.8e-15)
8360	358_1.R1084_frame3	14-3-3(HMM:1.8e-180)
8361	uC-osrocyp028c03a1_frame5	14-3-3(HMM:1.8e-23)
8362	92487_1.R1084_frame2	14-3-3(HMM:2.1e-33)
8363	LIB3434-047-P1-K1-A2_frame1	14-3-3(HMM:2.5e-34)
8364	LIB3431-058-P1-K1-E2_frame3	14-3-3(HMM:2.6e-18)
8365	uC-osrocyp028c02b1_frame1	14-3-3(HMM:2.8e-13)
8366	17909_1.R1084_frame1	14-3-3(HMM:2e-66)
8367	LIB3434-042-P1-K1-G5_frame2	14-3-3(HMM:3.5e-104)
8368	LIB3432-011-P1-K1-F9_frame1	14-3-3(HMM:3.7e-10)
8369	357_1.R1084_frame3	14-3-3(HMM:4.4e-181)
8370	g3106478_frame1	14-3-3(HMM:4.9e-06)
8371	LIB3431-007-P1-K1-B4_frame3	14-3-3(HMM:5)
8372	g2442689_frame1	14-3-3(HMM:5.2e-10)
8373	358_4.R1084_frame3	14-3-3(HMM:5.7e-56)
8374	uC-osroM202039c12b1_frame3	14-3-3(HMM:5.9e-07)
8375	g2798877_frame4	14-3-3(HMM:6.9e-08)
8376	LIB3431-001-P1-K1-G10_frame2	14-3-3(HMM:7.2e-05)
8377	617_1.R1084_frame3	14-3-3(HMM:7e-180)
8378	6047_2.R1084_frame2	14-3-3(HMM:8.3e-33)
8379	LIB3434-001-P1-K1-E7_frame2	14-3-3(HMM:8.7e-07)
8380	4935_1.R1084_frame4	ank(HMM:0.0005)
8381	g5667511_frame2	ank(HMM:0.00067)
8382	2013_1.R1084_frame4	ank(HMM:0.00078)
8383	uC-osroM202013h02b1_frame3	ank(HMM:0.0082)
8384	uC-osroM202020g09b1_frame1	ank(HMM:0.026)
8385	14356_2.R1084_frame2	ank(HMM:0.042)
8386	31756_1.R1084_frame3	ank(HMM:0.045)
8387	LIB3431-033-P1-K1-H1_frame1	ank(HMM:1.1e-22)
8388	g3107450_frame2	ank(HMM:1.2e-05)
8389	LIB3433-042-P1-K1-D10_frame3	ank(HMM:1.2e-10)
8390	2706_1.R1084_frame6	ank(HMM:1.2e-17)
8391	LIB3432-007-P1-K1-E7_frame3	ank(HMM:1.3e-08)
8392	g3762888_frame2	ank(HMM:1.5e-06)
8393	63044_1.R1084_frame2	ank(HMM:1.6e-06)
8394	g5038965_frame5	ank(HMM:1.6e-06)
8395	5527_2.R1084_frame5	ank(HMM:1.6e-20)
8396	5527_1.R1084_frame5	ank(HMM:1.8e-08)
8397	uC-osrocyp011a04a1_frame5	ank(HMM:1.8e-08)
8398	5758_1.R1084_frame3	ank(HMM:2.5e-13)
8399	g3760142_frame1	ank(HMM:2.7e-19)
8400	jC-	ank(HMM:3.2e-05)

8401	osleLIB3474037b02a1_frame6	ank(HMM:3.2e-12)
8402	g2427442_frame3	ank(HMM:3.3e-13)
8403	uC-osrocyp033f11a1_frame5	ank(HMM:3.6e-09)
8404	uC-osflcyp162a07b1_frame3	ank(HMM:3.7e-07)
8405	g1632606_frame4	ank(HMM:3.7e-16)
8406	g5667512_frame1	ank(HMM:3.8e-14)
8407	uC-osflcyp039a01b1_frame1	ank(HMM:4.2e-24)
8408	14784_1.R1084_frame2	ank(HMM:4.4e-05)
8409	uC-osflcyp158a11b1_frame1	ank(HMM:4.5e-09)
8410	LIB3434-005-P1-K1-C10_frame1	ank(HMM:4.9e-15)
8411	30799_1.R1084_frame1	ank(HMM:5.1e-05)
8412	LIB3434-013-P1-K1-F6_frame2	ank(HMM:5.5e-06)
8413	uC-osflM202091b10b1_frame2	ank(HMM:5.9e-12)
8414	uC-osroM202030a07b1_frame1	ank(HMM:6.1e-13)
8415	35818_1.R1084_frame2	ank(HMM:6.8e-21)
8416	LIB3431-047-P1-N1-D8_frame5	ank(HMM:7.1e-31)
8417	21576_1.R1084_frame3	ank(HMM:7.5e-06)
8418	LIB3433-016-Q6-K6-F12_frame2	ank(HMM:7e-21)
8419	63383_1.R1084_frame1	ank(HMM:8.1e-09)
8420	g4714237_frame2	ank(HMM:9.9e-41)
8421	26024_1.R1084_frame2	ap2-domain(HMM:0.0001)
8422	g2442375_frame2	ap2-domain(HMM:0.00027)
8423	uC-osflcyp004g06b1_frame3	ap2-domain(HMM:0.00074)
8424	uC-osflM202047f04b1_frame3	ap2-domain(HMM:0.00076)
8425	55803_1.R1084_frame2	ap2-domain(HMM:0.0012)
8426	76713_1.R1084_frame3	ap2-domain(HMM:0.0067)
8427	96886_1.R1084_frame2	ap2-domain(HMM:0.0098)
8428	uC-osrocyp029f11b1_frame2	ap2-domain(HMM:0.011)
8429	g2310291_frame3	ap2-domain(HMM:0.58)
8430	28040_1.R1084_frame3	ap2-domain(HMM:1.3e-13)
8431	g2799366_frame3	ap2-domain(HMM:1.3e-13)
8432	g5667533_frame3	ap2-domain(HMM:1.3e-40)
8433	168_2.R1084_frame3	ap2-domain(HMM:1.4e-15)
8434	g427910_frame3	ap2-domain(HMM:1.5e-15)
8435	88463_1.R1084_frame1	ap2-domain(HMM:1.6e-37)
8436	62487_1.R1084_frame3	ap2-domain(HMM:1.6e-39)
8437	49159_1.R1084_frame2	ap2-domain(HMM:1.7e-39)
8438	20783_2.R1084_frame3	ap2-domain(HMM:1.9e-27)
8439	34010_1.R1084_frame3	ap2-domain(HMM:1.9e-31)
8440	58360_1.R1084_frame3	ap2-domain(HMM:2.1e-19)
8441	69949_1.R1084_frame1	ap2-domain(HMM:2.1e-36)
8442	18824_1.R1084_frame1	ap2-domain(HMM:2.2e-10)
8443	g5003396_frame3	ap2-domain(HMM:2.6e-18)
8444	38368_1.R1084_frame6	ap2-domain(HMM:2.6e-38)
8445	2466_1.R1084_frame3	ap2-domain(HMM:2.9e-38)
8446	21358_1.R1084_frame2	ap2-domain(HMM:3.2e-37)
8447	43210_1.R1084_frame1	ap2-domain(HMM:3.4e-09)
8448	uC-osrocyp017c05b1_frame1	ap2-domain(HMM:3.4e-13)
8449	52863_1.R1084_frame3	ap2-domain(HMM:3.5e-06)
8450	g702738_frame1	ap2-domain(HMM:3.5e-17)
8451	LIB3431-060-P1-K1-F7_frame3	ap2-domain(HMM:4.1e-31)
8451	uC-osrocyp021d02b1_frame3	





8500	11264_1.R1084_frame1	btb(HMM:3e-10)
8501	33098_1.R1084_frame3	btb(HMM:4.1e-05)
8502	42362_1.R1084_frame2	btb(HMM:5.1e-09)
8503	78101_1.R1084_frame3	btb(HMM:6.2e-06)
8504	LIB3431-031-P1-K1-E12_frame2	bzip(HMM:0.00055)
8505	9342_1.R1084_frame1	bzip(HMM:0.00096)
8506	LIB3433-057-P1-K1-E1_frame3	bzip(HMM:0.0053)
8507	50880_1.R1084_frame6	bzip(HMM:0.0063)
8508	17054_1.R1084_frame2	bzip(HMM:0.01)
8509	35294_1.R1084_frame3	bzip(HMM:0.016)
8510	LIB3434-016-P1-K1-D9_frame3	bzip(HMM:0.27)
8511	g5803454_frame2	bzip(HMM:0.36)
8512	18517_1.R1084_frame3	bzip(HMM:1.1e-13)
8513	LIB3433-019-P1-K1-C7_frame2	bzip(HMM:1.1e-13)
8514	274_1.R1084_frame1	bzip(HMM:1.1e-18)
8515	94811_1.R1084_frame2	bzip(HMM:1.2e-11)
8516	315_1.R1084_frame1	bzip(HMM:1.2e-18)
8517	15567_1.R1084_frame3	bzip(HMM:1.4e-17)
8518	988_1.R1084_frame3	bzip(HMM:1.7e-11)
8519	463_1.R1084_frame1	bzip(HMM:1e-17)
8520	2349_1.R1084_frame6	bzip(HMM:2.5e-14)
8521	21217_1.R1084_frame3	bzip(HMM:2.6e-11)
8522	315_2.R1084_frame3	bzip(HMM:2.7e-18)
8523	g435945_frame2	bzip(HMM:2.9e-12)
8524	uC-osrocyp030h03b1_frame1	bzip(HMM:3.3e-05)
8525	1005_1.R1084_frame2	bzip(HMM:4.2e-21)
8526	LIB3434-035-P1-K1-D6_frame3	bzip(HMM:4.7e-13)
8527	980_1.R1084_frame3	bzip(HMM:5.6e-22)
8528	g435943_frame3	bzip(HMM:6.7e-13)
8529	3184_1.R1084_frame4	bzip(HMM:7.1e-13)
8530	92_1.R1084_frame2	bzip(HMM:7.5e-13)
8531	749_1.R1084_frame2	bzip(HMM:8.1e-15)
8532	97344_1.R1084_frame1	bzip(HMM:8.2e-08)
8533	uC-osflcyp013a12b1_frame2	bzip(HMM:8.5)
8534	g2801356_frame2	cbfd_nfyb_hmf(HMM:0.00072)
8535	34342_1.R1084_frame2	cbfd_nfyb_hmf(HMM:0.042)
8536	7629_1.R1084_frame2	"cbfd_nfyb_hmf(HMM:0.055),hi stone(HMM:8.5e-36)"
8537	LIB3434-023-P1-K1-B3_frame3	cbfd_nfyb_hmf(HMM:1.5e-33)
8538	26746_1.R1084_frame3	cbfd_nfyb_hmf(HMM:2.7)
8539	4245_1.R1084_frame4	cbfd_nfyb_hmf(HMM:3.7e-37)
8540	g1632008_frame3	cbfd_nfyb_hmf(HMM:6.4e-15)
8541	19213_1.R1084_frame1	cbfd_nfyb_hmf(HMM:9.2e-15)
8542	LIB3431-036-P1-N1-D4_frame4	chromo(HMM:0.00024)
8543	5302_1.R1084_frame4	chromo(HMM:0.0071)
8544	518_2.R1084_frame1	chromo(HMM:1e-18)
8545	uC-osflm202108f08b1_frame2	csd(HMM:0.016)
8546	g5004101_frame3	csd(HMM:0.4)
8547	58275_1.R1084_frame3	csd(HMM:8.8e-09)
8548	g5004157_frame2	dof(HMM:0.016)
8549	g3061221_frame3	dof(HMM:0.19)
8550	uC-osflcyp127d01a1_frame2	dof(HMM:1.1e-36)
8551	g4996647_frame2	dof(HMM:1.2e-23)

8552	25092_1.R1084_frame1	dof(HMM:1.2e-35)
8553	133_1.R1084_frame3	dof(HMM:1.4e-35)
8554	LIB3434-040-P1-K1-B11_frame3	dof(HMM:1.9e-05)
8555	130_5.R1084_frame2	dof(HMM:2.4e-29)
8556	uC-osroM202007g08a1_frame6	dof(HMM:2.7e-17)
8557	130_1.R1084_frame3	dof(HMM:2e-31)
8558	130_3.R1084_frame2	dof(HMM:4.9e-37)
8559	g4996641_frame3	dof(HMM:4.9e-37)
8560	g2311601_frame3	dof(HMM:6.6e-20)
8561	81962_1.R1084_frame3	dof(HMM:8.2e-36)
8562	321_2.R1084_frame1	dpb(HMM:1.6e-75)
8563	g3760217_frame2	dpb(HMM:1.9e-07)
8564	g568555_frame1	dpb(HMM:2.4e-08)
8565	LIB3433-019-P1-K1-A4_frame1	dpb(HMM:3.3e-07)
8566	13861_1.R1084_frame2	dpb(HMM:4.4e-08)
8567	4529_1.R1084_frame6	dpb(HMM:8.4)
8568	LIB3433-009-Q6-K1-F2_frame2	dpb(HMM:9.1e-08)
8569	321_6.R1084_frame2	dpb(HMM:9.5e-06)
8570	LIB3433-031-P1-K1-B2_frame3	enbp(HMM:1.1e-09)
8571	g4880919_frame1	gata(HMM:0.023)
8572	uC-osroM202001c10a1_frame1	gata(HMM:0.027)
8573	g2431491_frame2	gata(HMM:0.22)
8574	uC-osflcyp057d06b1_frame2	gata(HMM:1.9e-08)
8575	g2798782_frame1	gata(HMM:2.2e-14)
8576	23385_1.R1084_frame3	gata(HMM:2.7e-07)
8577	uC-osflcyp109f08b1_frame1	gata(HMM:4.3e-06)
8578	LIB3431-060-P1-K1-D6_frame1	gld-tea(HMM:0.042)
8579	LIB3434-018-P1-K1-D7_frame1	gld-tea(HMM:0.35)
8580	50521_1.R1084_frame6	gld-tea(HMM:0.43)
8581	uC-osrocyp028f03b1_frame1	gld-tea(HMM:1.2e-27)
8582	LIB3475-003-P1-K2-F4_frame3	gld-tea(HMM:1.3e-10)
8583	LIB3433-055-P1-K1-H1_frame1	gld-tea(HMM:2.1e-37)
8584	13229_1.R1084_frame1	gld-tea(HMM:2.9e-06)
8585	25505_1.R1084_frame1	gld-tea(HMM:3.4e-32)
8586	LIB3474-012-P1-K1-E2_frame3	gld-tea(HMM:3.4e-32)
8587	13862_1.R1084_frame1	gld-tea(HMM:3e-30)
8588	15158_1.R1084_frame1	gld-tea(HMM:5.1e-31)
8589	5854_1.R1084_frame1	gld-tea(HMM:6.7e-34)
8590	g287019_frame3	gld-tea(HMM:6.8e-30)
8591	uC-osflcyp026d03b1_frame3	gld-tea(HMM:6.8e-30)
8592	39607_1.R1084_frame3	gld-tea(HMM:9.7e-06)
8593	uC-osflcyp122c12b1_frame2	gld-tea(HMM:9.7e-32)
8594	LIB3477-009-P1-K1-B9_frame2	hhh(HMM:2.9e-07)
8595	20921_1.R1084_frame1	hist_deacetyl(HMM:0.064)
8596	g2800762_frame1	hist_deacetyl(HMM:0.5)
8597	31559_2.R1084_frame1	hist_deacetyl(HMM:0.89)
8598	uC-osflm202048g11b1_frame2	hist_deacetyl(HMM:1.2e-15)
8599	LIB3433-016-Q6-K6-F5_frame1	hist_deacetyl(HMM:1.7e-07)
8600	LIB3432-035-P2-K1-D11_frame2	hist_deacetyl(HMM:2.1e-06)
8601	LIB3431-063-P1-K1-F4_frame2	hist_deacetyl(HMM:4.5e-08)
8602	uC-osflm202109g01b1_frame3	hist_deacetyl(HMM:4.8e-09)
8603	uC-osrocyp027g06b1_frame2	histone(HMM:0.00012)

8604	uC-osrocyp032h06b1_frame2	histone(HMM:0.00024)
8605	666_4.R1084_frame1	histone(HMM:0.00029)
8606	uC-osrocyp032a11b1_frame3	histone(HMM:0.00045)
8607	g287222_frame1	histone(HMM:0.00078)
8608	666_8.R1084_frame1	histone(HMM:0.002)
8609	LIB3433-030-P1-K1-H8_frame3	histone(HMM:0.0031)
8610	uC-osrocyp002h02a1_frame4	histone(HMM:0.0046)
8611	g287109_frame3	histone(HMM:0.22)
8612	uC-osflcyp127d03a1_frame5	histone(HMM:0.48)
8613	LIB3479-006-Q6-K1-A3_frame1	histone(HMM:0.57)
8614	77294_1.R1084_frame3	histone(HMM:0.72)
8615	uC-osflcyp169e05b1_frame1	histone(HMM:1.1e-12)
8616	g2800771_frame3	histone(HMM:1.2e-14)
8617	706_1.R1084_frame1	histone(HMM:1.2e-24)
8618	g5816536_frame1	histone(HMM:1.2e-39)
8619	27043_1.R1084_frame2	histone(HMM:1.3e-20)
8620	g5816531_frame3	histone(HMM:1.3e-44)
8621	g2311469_frame2	histone(HMM:1.4e-46)
8622	666_9.R1084_frame2	histone(HMM:1.5e-13)
8623	g4715649_frame3	histone(HMM:1.5e-25)
8624	uC-osroM202014f03b1_frame2	histone(HMM:1.6e-20)
8625	g5816493_frame1	histone(HMM:1.6e-26)
8626	LIB3431-060-P1-K1-G8_frame2	histone(HMM:1.7e-32)
8627	uC-osroM202022f10b1_frame3	histone(HMM:1.7e-32)
8628	LIB3433-022-P1-K1-G1_frame3	histone(HMM:1.7e-48)
8629	5333_3.R1084_frame6	histone(HMM:1.7e-51)
8630	g3762651_frame1	histone(HMM:1.8e-05)
8631	g2312266_frame3	histone(HMM:1.8e-21)
8632	LIB3433-059-P1-K1-E2_frame1	histone(HMM:1.8e-45)
8633	LIB3433-035-P1-K1-G1_frame3	histone(HMM:1.9e-12)
8634	g2311284_frame3	histone(HMM:1.9e-28)
8635	g5816504_frame2	histone(HMM:1.9e-33)
8636	uC-osrocyp016d02b1_frame3	histone(HMM:1.9e-45)
8637	g2280892_frame2	histone(HMM:1e-26)
8638	LIB3432-051-P1-K1-E5_frame1	histone(HMM:1e-42)
8639	LIB3432-001-P1-K1-F5_frame1	histone(HMM:2.1e-05)
8640	uC-osflcyp120c02b1_frame3	histone(HMM:2.1e-17)
8641	LIB3433-044-P1-K1-F9_frame3	histone(HMM:2.1e-27)
8642	7629_3.R1084_frame3	histone(HMM:2.1e-35)
8643	g3763153_frame3	histone(HMM:2.2e-16)
8644	LIB3433-024-P1-K1-H7_frame3	histone(HMM:2.2e-32)
8645	705_1.R1084_frame2	histone(HMM:2.2e-46)
8646	uC-osflcyp058c11b1_frame3	histone(HMM:2.2e-46)
8647	g4715648_frame3	histone(HMM:2.4e-27)
8648	LIB3431-046-P1-K1-B8_frame3	histone(HMM:2.5e-37)
8649	LIB3433-055-P1-K1-B7_frame2	histone(HMM:2.7e-34)
8650	434_1.R1084_frame3	histone(HMM:2e-11)
8651	705_5.R1084_frame1	histone(HMM:2e-47)
8652	670_1.R1084_frame1	histone(HMM:3.2e-12)
8653	uC-osflcyp011g09b1_frame2	histone(HMM:3.4e-25)
8654	15653_1.R1084_frame1	histone(HMM:3.5e-51)
8655	267_2.R1084_frame3	histone(HMM:3.6e-47)
8656	267_3.R1084_frame2	histone(HMM:3.6e-47)
8657	267_4.R1084_frame1	histone(HMM:3.6e-47)

8658	267_5.R1084_frame1	histone(HMM:3.6e-47)
8659	705_10.R1084_frame2	histone(HMM:3.7e-45)
8660	g5803476_frame3	histone(HMM:3.9e-28)
8661	uC-osflcyp037h01b1_frame2	histone(HMM:4.8e-29)
8662	uC-osflcyp035e11b1_frame3	histone(HMM:4.8e-46)
8663	g5816488_frame1	histone(HMM:4.9e-43)
8664	g426955_frame1	histone(HMM:5.5e-05)
8665	uC-osrocyp002h02b1_frame3	histone(HMM:5.6e-18)
8666	LIB3432-018-P1-K1-G3_frame3	histone(HMM:5.7e-34)
8667	LIB3431-010-P1-K1-D11_frame2	histone(HMM:5.7e-36)
8668	g5816502_frame2	histone(HMM:5.7e-44)
8669	5333_1.R1084_frame5	histone(HMM:5.7e-50)
8670	705_4.R1084_frame2	histone(HMM:5.8e-46)
8671	g572044_frame1	histone(HMM:6.2e-38)
8672	uC-osrocyp025b04a1_frame6	histone(HMM:6.7e-21)
8673	LIB3433-014-Q6-K1-D4_frame1	histone(HMM:6.8e-23)
8674	uC-osflcyp049c12b1_frame3	histone(HMM:6.9e-09)
8675	705_2.R1084_frame2	histone(HMM:7.4e-46)
8676	666_10.R1084_frame3	histone(HMM:7.5e-19)
8677	666_11.R1084_frame3	histone(HMM:7.5e-19)
8678	666_12.R1084_frame2	histone(HMM:7.5e-19)
8679	666_14.R1084_frame1	histone(HMM:7.5e-19)
8680	666_15.R1084_frame2	histone(HMM:7.5e-19)
8681	666_17.R1084_frame3	histone(HMM:7.5e-19)
8682	666_5.R1084_frame1	histone(HMM:7.5e-19)
8683	666_6.R1084_frame3	histone(HMM:7.5e-19)
8684	705_11.R1084_frame2	histone(HMM:7.6e-44)
8685	267_8.R1084_frame1	histone(HMM:7.9e-11)
8686	666_7.R1084_frame3	histone(HMM:8.1e-13)
8687	960_1.R1084_frame3	histone(HMM:8.1e-41)
8688	g3763259_frame2	histone(HMM:8.3e-13)
8689	16996_1.R1084_frame2	histone(HMM:9.2e-46)
8690	16996_2.R1084_frame2	histone(HMM:9.2e-46)
8691	uC-osroM202014h03b1_frame3	histone(HMM:9.3)
8692	g4880864_frame3	histone(HMM:9.4e-13)
8693	267_1.R1084_frame1	histone(HMM:9.5e-47)
8694	434_2.R1084_frame2	histone(HMM:9.5e-47)
8695	g5816487_frame1	histone(HMM:9.5e-47)
8696	g5816491_frame2	histone(HMM:9.5e-47)
8697	g5816524_frame2	histone(HMM:9.5e-47)
8698	g5816566_frame2	histone(HMM:9.5e-47)
8699	uC-osflcyp013d01b1_frame2	histone(HMM:9.5e-47)
8700	uC-osflcyp021e08b1_frame1	histone(HMM:9.5e-47)
8701	uC-osrocyp027g11b1_frame1	histone(HMM:9.5e-47)
8702	705_3.R1084_frame1	histone(HMM:9.7e-47)
8703	g702652_frame3	hlh(HMM:0.00014)
8704	81247_1.R1084_frame1	hlh(HMM:0.0019)
8705	15051_1.R1084_frame1	hlh(HMM:0.0095)
8706	29653_1.R1084_frame2	hlh(HMM:0.012)
8707	jC-osleLIB3474037b08a1_frame6	hlh(HMM:0.026)
8708	LIB3434-053-P1-K1-F8_frame3	hlh(HMM:1.5e-07)
8709	62323_1.R1084_frame3	hlh(HMM:1.7e-08)



8760	38_1.R1084_frame3	obox_knox3(2.7e-12)" "homeobox(HMM:0.0076),home obox_knox3(5.7e-21)"
8761	39_2.R1084_frame1	"homeobox(HMM:0.0087),home obox_knox3(4.3e-23)"
8762	39_1.R1084_frame2	"homeobox(HMM:0.0087),home obox_knox3(7.3e-23)"
8763	40_1.R1084_frame2	"homeobox(HMM:0.0098),home obox_knox3(6.9e-21)"
8764	95453_1.R1084_frame1	"homeobox(HMM:0.023),homeo box_knox3(4.1e-12)"
8765	LIB3475-008-P1-K1-B6_frame2	homeobox(HMM:0.03)
8766	36_1.R1084_frame2	"homeobox(HMM:0.034),homeo box_knox3(1.0e-33)"
8767	g5103730_frame1	"homeobox(HMM:0.33),homeob ox_knox3(7.0e-30)"
8768	1062_1.R1084_frame3	homeobox(HMM:1.3e-19)
8769	268_1.R1084_frame1	homeobox(HMM:1.4e-17)
8770	g5006856_frame3	homeobox(HMM:1.5e-19)
8771	34_3.R1084_frame3	"homeobox(HMM:1.8e- 05),homeobox_knox3(5.2e-31)"
8772	25184_1.R1084_frame2	homeobox(HMM:2.4e-18)
8773	1063_1.R1084_frame2	homeobox(HMM:2.4e-20)
8774	34_1.R1084_frame3	"homeobox(HMM:3.1e- 05),homeobox_knox3(1.1e-37)"
8775	1061_1.R1084_frame1	homeobox(HMM:3.2e-16)
8776	268_2.R1084_frame2	homeobox(HMM:3.9e-17)
8777	uC-osflcyp029c12b1_frame1	homeobox(HMM:3e-06)
8778	g2310468_frame3	homeobox(HMM:4.2e-05)
8779	34_2.R1084_frame1	"homeobox(HMM:4.2e- 06),homeobox_knox3(4.5e-31)"
8780	g5006858_frame1	homeobox(HMM:4.2e-17)
8781	2872_1.R1084_frame5	"homeobox(HMM:4.4),homeobo x_knox3(3.2e-10)"
8782	g5038642_frame5	homeobox(HMM:4.7e-17)
8783	12768_1.R1084_frame1	homeobox(HMM:6.6e-19)
8784	LIB3433-009-Q6-K1-C9_frame3	hsf_dna-bind(HMM:0.00017)
8785	70825_1.R1084_frame1	hsf_dna-bind(HMM:1.6e-12)
8786	g5003430_frame1	hsf_dna-bind(HMM:1.8e-05)
8787	LIB3474-012-P1-K1-B8_frame3	hsf_dna-bind(HMM:3.3e-14)
8788	g2280919_frame3	iaa(HMM:0.00026)
8789	52168_1.R1084_frame5	iaa(HMM:0.001)
8790	g571933_frame1	iaa(HMM:0.002)
8791	LIB3434-064-P1-K1-E7_frame1	iaa(HMM:0.0064)
8792	g426000_frame1	iaa(HMM:0.012)
8793	LIB3479-005-Q6-K1-H6_frame1	iaa(HMM:0.033)
8794	39441_1.R1084_frame5	iaa(HMM:0.11)
8795	g3107788_frame1	iaa(HMM:0.28)
8796	21437_1.R1084_frame2	iaa(HMM:1.1e-38)
8797	17191_1.R1084_frame3	iaa(HMM:1.1e-51)
8798	uC-osflcyp010g02b1_frame2	iaa(HMM:1.2e-06)
8799	uC-osflcyp159g02b1_frame3	iaa(HMM:1.2e-06)
8800	20063_1.R1084_frame2	iaa(HMM:1.2e-07)
8801	g3761829_frame1	iaa(HMM:1.2e-25)

8802	13796_1.R1084_frame2	iaa(HMM:1.4e-35)
8803	69310_1.R1084_frame3	iaa(HMM:1.5e-22)
8804	uC-osflM202069c04a1_frame6	iaa(HMM:1.6e-06)
8805	LIB3431-001-P1-K1-G12_frame3	iaa(HMM:1.6e-08)
8806	39267_1.R1084_frame5	iaa(HMM:2.1e-10)
8807	LIB3431-025-P1-K1-F7_frame2	iaa(HMM:2.2)
8808	13796_2.R1084_frame3	iaa(HMM:2.3e-10)
8809	57634_1.R1084_frame1	iaa(HMM:2.8)
8810	24711_1.R1084_frame6	iaa(HMM:2e-05)
8810	24711_1.R1084_frame6	iaa(HMM:2e-05)
8811	23354_1.R1084_frame2	iaa(HMM:3.4e-07)
8812	LIB3433-008-Q6-K1-G9_frame2	iaa(HMM:3.6e-37)
8813	g4715376_frame3	iaa(HMM:4.2e-07)
8814	36294_1.R1084_frame1	iaa(HMM:4.2e-37)
8815	2544_1.R1084_frame6	iaa(HMM:4e-53)
8816	g3769143_frame2	iaa(HMM:5.8e-09)
8817	g3762995_frame2	iaa(HMM:6.7e-05)
8818	LIB3479-002-Q6-K2-G11_frame3	iaa(HMM:6.7e-06)
8819	7253_2.R1084_frame1	iaa(HMM:6.8e-17)
8820	g3061262_frame3	iaa(HMM:7.1e-10)
8821	g4969224_frame3	iaa(HMM:7.6e-05)
8822	uC-osrocyp006a05b1_frame2	ibr(HMM:0.00063)
8823	uC-osflcyp174e03a1_frame4	ibr(HMM:0.00092)
8824	44656_1.R1084_frame1	ibr(HMM:7.9e-18)
8825	uC-osflcyp061g02b1_frame1	"k-box(HMM:0.00056),srf-tf(HMM:5.3e-34)"
8826	368_1.R1084_frame1	"k-box(HMM:1.1e-38),srf-tf(HMM:5.6e-38)"
8827	15_1.R1084_frame3	"k-box(HMM:1.2e-10),srf-tf(HMM:1.5e-29)"
8828	542_1.R1084_frame2	"k-box(HMM:1.2e-39),srf-tf(HMM:1.9e-35)"
8829	17_1.R1084_frame2	"k-box(HMM:1.8e-17),srf-tf(HMM:1.9e-36)"
8830	888_1.R1084_frame3	"k-box(HMM:1.9e-30),srf-tf(HMM:3.1e-36)"
8831	1084_1.R1084_frame3	"k-box(HMM:2.2e-42),srf-tf(HMM:5e-35)"
8832	939_2.R1084_frame2	"k-box(HMM:3.5e-13),srf-tf(HMM:3.6e-35)"
8833	941_1.R1084_frame2	"k-box(HMM:3.6e-35),srf-tf(HMM:6.1e-36)"
8834	947_1.R1084_frame3	"k-box(HMM:4.6e-35),srf-tf(HMM:4.4e-37)"
8835	368_2.R1084_frame1	"k-box(HMM:5.2e-41),srf-tf(HMM:5.6e-38)"
8836	1053_1.R1084_frame3	"k-box(HMM:5.5e-29),srf-tf(HMM:1.2e-37)"
8837	1033_2.R1084_frame1	"k-box(HMM:5.5e-44),srf-tf(HMM:2.7e-38)"
8838	LIB3433-028-P1-K1-D8_frame1	k-box(HMM:5.7e-07)
8839	557_1.R1084_frame1	"k-box(HMM:5e-38),srf-





8883	uC-osflcyp144f11b1_frame2	myb_dna-binding(HMM:1.1e-08)
8884	36633_1.R1084_frame6	myb_dna-binding(HMM:1.1e-11)
8885	uC-osflcyp029f12b1_frame2	myb_dna-binding(HMM:1.1e-17)
8886	uC-osflm202106g04b1_frame2	myb_dna-binding(HMM:1.1e-18)
8887	uC-osflcyp037e12b1_frame1	myb_dna-binding(HMM:1.1e-19)
8888	57759_1.R1084_frame3	myb_dna-binding(HMM:1.1e-23)
8889	g4138298_frame1	myb_dna-binding(HMM:1.1e-38)
8890	g2943795_frame1	myb_dna-binding(HMM:1.2e-14)
8891	15286_1.R1084_frame1	myb_dna-binding(HMM:1.2e-16)
8892	uC-osflcyp159c11b1_frame1	myb_dna-binding(HMM:1.3e-45)
8893	g1946266_frame2	myb_dna-binding(HMM:1.4e-46)
8894	62726_1.R1084_frame1	myb_dna-binding(HMM:1.6)
8895	g428572_frame2	myb_dna-binding(HMM:1.6e-05)
8896	66726_1.R1084_frame2	myb_dna-binding(HMM:1.7)
8897	52906_1.R1084_frame3	myb_dna-binding(HMM:1.7e-34)
8898	g1945280_frame1	myb_dna-binding(HMM:1.8e-42)
8899	g2605618_frame3	myb_dna-binding(HMM:1.8e-45)
8900	g2943796_frame1	myb_dna-binding(HMM:1e-11)
8901	g1945278_frame1	myb_dna-binding(HMM:1e-43)
8902	6098_1.R1084_frame2	myb_dna-binding(HMM:2.2)
8903	uC-osflcyp039g02b1_frame3	myb_dna-binding(HMM:2.2e-13)
8904	5500_1.R1084_frame6	myb_dna-binding(HMM:2.5e-18)
8905	uC-osflcyp110b03b1_frame2	myb_dna-binding(HMM:2.7)
8906	g2943797_frame1	myb_dna-binding(HMM:2.8e-11)
8907	62069_1.R1084_frame2	myb_dna-binding(HMM:2e-25)
8908	254_1.R1084_frame3	myb_dna-binding(HMM:2e-43)
8909	g2605620_frame1	myb_dna-binding(HMM:3.5e-41)
8910	283_1.R1084_frame3	myb_dna-binding(HMM:3.5e-45)
8911	72799_1.R1084_frame3	myb_dna-binding(HMM:3.6e-20)
8912	g2442373_frame1	myb_dna-binding(HMM:3.8e-05)
8913	201_1.R1084_frame1	myb_dna-binding(HMM:4.3e-46)
8914	g2605624_frame2	myb_dna-binding(HMM:4.9e-40)
8915	uC-osrocyp014d02b1_frame1	myb_dna-binding(HMM:5.1e-22)
8916	g2943794_frame1	myb_dna-binding(HMM:5.3e-12)
8917	96537_1.R1084_frame3	myb_dna-binding(HMM:5.7e-06)
8918	g569489_frame1	myb_dna-binding(HMM:5.9e-11)
8919	2963_1.R1084_frame4	myb_dna-binding(HMM:6.7e-05)
8920	LIB3477-010-P1-K1-A3_frame2	myb_dna-binding(HMM:6.8e-23)
8921	g2943798_frame1	myb_dna-binding(HMM:6e-12)
8922	LIB3433-019-P1-K1-H3_frame3	myb_dna-binding(HMM:7.3e-09)
8923	g2431275_frame1	myb_dna-binding(HMM:7.3e-42)
8924	LIB3434-054-P1-K1-G7_frame1	myb_dna-binding(HMM:7.6e-19)
8925	LIB3433-021-P1-K1-E2_frame2	myb_dna-binding(HMM:7.9e-05)
8926	g2605622_frame1	myb_dna-binding(HMM:8.6e-37)
8927	LIB3434-018-P1-K1-F3_frame2	myb_dna-binding(HMM:8e-41)
8928	g1945282_frame3	myb_dna-binding(HMM:9.8e-41)
8929	uC-osflcyp108a02b1_frame1	nam(HMM:0.00028)
8930	g2280766_frame1	nam(HMM:0.0019)
8931	LIB3432-025-P1-K1-C4_frame1	nam(HMM:0.0035)
8932	g700446_frame2	nam(HMM:0.0052)
8933	g426135_frame2	nam(HMM:0.0058)
8934	g3462546_frame3	nam(HMM:0.031)
8935	uC-osroM202007c05b1_frame3	nam(HMM:0.14)
8936	58401_1.R1084_frame2	nam(HMM:1.2e-77)

8937	73288_1.R1084_frame2	nam(HMM:1.4e-06)
8938	uC-osroM202017g09a1_frame1	nam(HMM:1.4e-06)
8939	69232_1.R1084_frame1	nam(HMM:1.5e-18)
8940	23606_1.R1084_frame1	nam(HMM:1.9e-06)
8941	77469_1.R1084_frame3	nam(HMM:1.9e-07)
8942	45084_1.R1084_frame1	nam(HMM:2.1)
8943	LIB3431-001-P1-K1-G9_frame2	nam(HMM:2.1e-05)
8944	LIB3432-002-P1-K1-B11_frame2	nam(HMM:2.1e-12)
8945	g2310551_frame3	nam(HMM:2.5)
8946	LIB3477-009-P1-K1-E12_frame2	nam(HMM:2.7e-08)
8947	LIB3432-002-P1-K1-B6_frame1	nam(HMM:3.1e-36)
8948	86873_1.R1084_frame1	nam(HMM:3.2e-08)
8949	8308_1.R1084_frame2	nam(HMM:3.7e-07)
8950	32554_1.R1084_frame1	nam(HMM:3.8e-73)
8951	LIB3434-009-P1-K1-B11_frame1	nam(HMM:3.9e-10)
8952	g3762088_frame6	nam(HMM:4.3e-57)
8953	uC-osroM202005c08b1_frame3	nam(HMM:4.8e-07)
8954	uC-osroM202029c07b1_frame3	nam(HMM:4.9e-32)
8955	26933_1.R1084_frame1	nam(HMM:5.2e-40)
8956	g5003897_frame2	nam(HMM:5.3e-18)
8957	uC-osflcyp142b08b1_frame1	nam(HMM:5.4e-41)
8958	42911_1.R1084_frame3	nam(HMM:6.1e-21)
8959	g3768398_frame3	nam(HMM:6.5e-27)
8960	11904_1.R1084_frame1	nam(HMM:6.5e-42)
8961	41770_1.R1084_frame2	nam(HMM:6.8e-06)
8962	10326_1.R1084_frame1	nam(HMM:7.5)
8963	8132_1.R1084_frame2	nam(HMM:7e-32)
8964	uC-osrocyp010a11b1_frame3	nam(HMM:8.3e-08)
8965	60369_1.R1084_frame2	nam(HMM:8.9e-42)
8966	2878_1.R1084_frame6	nam(HMM:8e-83)
8967	14254_1.R1084_frame1	nam(HMM:9.2e-83)
8968	17383_1.R1084_frame2	nap_family(HMM:0.014)
8969	g4715450_frame2	nap_family(HMM:0.024)
8970	g5004085_frame3	nap_family(HMM:4.6e-07)
8971	26430_1.R1084_frame1	nap_family(HMM:5.2e-11)
8972	g3107495_frame2	nap_family(HMM:9.7e-05)
8973	23048_1.R1084_frame2	nap_family(HMM:9.9e-134)
8974	473_3.R1084_frame1	phd(HMM:0.00026)
8975	4628_1.R1084_frame6	phd(HMM:0.00027)
8976	21284_1.R1084_frame2	phd(HMM:0.0036)
8977	30447_1.R1084_frame3	phd(HMM:0.047)
8978	806_1.R1084_frame3	phd(HMM:0.049)
8979	g3107408_frame2	phd(HMM:0.052)
8980	LIB3432-044-P1-K1-F12_frame1	phd(HMM:0.66)
8981	71359_1.R1084_frame1	phd(HMM:1.5e-11)
8982	15349_1.R1084_frame2	phd(HMM:1e-05)
8983	834_1.R1084_frame1	phd(HMM:2.5e-13)
8984	g2310253_frame2	phd(HMM:2.8e-12)
8985	33858_1.R1084_frame1	phd(HMM:3.2e-10)
8986	LIB3475-001-P1-K2-A6_frame3	phd(HMM:4.6e-05)
8987	g2310356_frame1	phd(HMM:4.9e-13)

8988	33805_1.R1084_frame3	phd(HMM:5.5e-07)
8989	3817_1.R1084_frame5	phd(HMM:8.7e-12)
8990	6912_2.R1084_frame1	response_reg(HMM:0.0024)
8991	g428412_frame3	response_reg(HMM:0.0046)
8992	18941_1.R1084_frame2	response_reg(HMM:0.13)
8993	g428793_frame2	response_reg(HMM:0.25)
8994	g2310482_frame3	response_reg(HMM:0.46)
8995	6694_1.R1084_frame2	response_reg(HMM:1.1e-29)
8996	27227_1.R1084_frame3	response_reg(HMM:2.5e-33)
8997	65600_1.R1084_frame2	response_reg(HMM:6.7e-05)
8998	uC-osflcyp152a08b1_frame3	response_reg(HMM:6e-36)
8999	30154_1.R1084_frame2	response_reg(HMM:8.8e-10)
9000	uC-osflM202098d12b1_frame3	response_reg(HMM:8e-08)
9001	57553_1.R1084_frame2	sbpb(HMM:0.00027)
9002	g3060979_frame3	sbpb(HMM:0.00029)
9003	g2427896_frame2	sbpb(HMM:0.0017)
9004	LIB3431-005-P1-K1-A11_frame2	sbpb(HMM:1.2e-07)
9005	uC-osflcyp111h05b1_frame2	sbpb(HMM:4e-22)
9006	413_1.R1084_frame4	sbpb(HMM:4e-41)
9007	LIB3431-003-P1-K1-F10_frame2	scr(HMM:0.00012)
9008	g2428032_frame2	scr(HMM:0.00014)
9009	g2800755_frame2	scr(HMM:0.0015)
9010	LIB3475-010-P1-K1-G4_frame3	scr(HMM:0.013)
9011	LIB3475-004-P1-K2-A7_frame2	scr(HMM:0.034)
9012	3411_1.R1084_frame4	scr(HMM:0.11)
9013	LIB3434-055-P1-K1-A3_frame1	scr(HMM:0.24)
9014	uC-osflcyp154e07b1_frame1	scr(HMM:1.9e-12)
9015	58370_1.R1084_frame2	scr(HMM:2.2e-08)
9016	16838_1.R1084_frame1	scr(HMM:2.3e-05)
9017	869_1.R1084_frame2	scr(HMM:2.4e-09)
9018	92707_1.R1084_frame1	scr(HMM:2e-24)
9019	g1632595_frame3	scr(HMM:4.8e-10)
9020	uC-osroM202029e07a1_frame4	scr(HMM:5.5)
9021	47013_1.R1084_frame5	scr(HMM:8.5e-19)
9022	uC-osflM202039c07b1_frame4	scr(HMM:8.8e-13)
9023	LIB3434-040-P1-K1-A12_frame2	scr(HMM:9.3e-30)
9024	LIB3433-008-Q6-K1-D12_frame3	set(HMM:0.0009)
9025	g286292_frame3	set(HMM:0.29)
9026	g3767459_frame2	set(HMM:1.3e-10)
9027	LIB3474-011-P1-K1-F11_frame3	set(HMM:1.6e-07)
9028	g6024918_frame5	set(HMM:2.3e-05)
9029	13697_1.R1084_frame3	set(HMM:2.8e-40)
9030	69773_1.R1084_frame3	set(HMM:3.2e-14)
9031	34943_1.R1084_frame5	set(HMM:7.2e-06)
9032	LIB3434-021-P1-K1-B11_frame3	set(HMM:7.5e-52)
9033	uC-osflM202075a05b1_frame2	snf2_n(HMM:0.00023)
9034	uC-osflM202106b05b1_frame3	snf2_n(HMM:0.017)
9035	10281_1.R1084_frame2	snf2_n(HMM:1.8e-13)
9036	g4878434_frame2	snf2_n(HMM:2.9e-28)
9037	LIB3432-034-P2-K1-D8_frame2	snf2_n(HMM:3e-10)



9090	LIB3431-058-P1-K1-A3_frame1	wrky(HMM:3.7)
9091	1072_1.R1084_frame1	wrky(HMM:3.7e-77)
9092	LIB3432-012-P1-K1-F1_frame1	wrky(HMM:3e-44)
9093	26004_1.R1084_frame1	wrky(HMM:4.1e-15)
9094	g4715891_frame3	wrky(HMM:5.4e-12)
9095	54054_1.R1084_frame3	wrky(HMM:7e-40)
9096	24687_1.R1084_frame2	wrky(HMM:9.5e-07)
9097	48654_1.R1084_frame3	"zf-b_box(HMM:0.0044),zf-constans(HMM:6e-28)"
9098	6_1.R1084_frame2	"zf-b_box(HMM:0.0085),zf-constans(HMM:1.6e-19)"
9099	7_1.R1084_frame2	"zf-b_box(HMM:0.013),zf-constans(HMM:2e-40)"
9100	5_1.R1084_frame2	"zf-b_box(HMM:0.049),zf-constans(HMM:1.4e-39)"
9101	2_1.R1084_frame1	"zf-b_box(HMM:0.057),zf-constans(HMM:8.2e-39)"
9102	3_1.R1084_frame1	"zf-b_box(HMM:6.3e-05),zf-constans(HMM:4.5e-42)"
9103	52914_1.R1084_frame2	zf-c2h2(HMM:0.00058)
9104	LIB3433-031-P1-K1-B4_frame1	zf-c2h2(HMM:0.023)
9105	34727_1.R1084_frame4	zf-c2h2(HMM:0.03)
9106	g5607479_frame2	zf-c2h2(HMM:0.041)
9107	45631_1.R1084_frame5	zf-c2h2(HMM:1.3e-09)
9108	uC-osroM202007h05b1_frame3	zf-c2h2(HMM:1.3e-09)
9109	16349_1.R1084_frame3	zf-c2h2(HMM:1.3e-10)
9110	LIB3477-009-P1-K1-E9_frame3	zf-c2h2(HMM:2.3e-05)
9111	1503_1.R1084_frame4	zf-c2h2(HMM:4.8e-06)
9112	g3760342_frame3	zf-c2h2(HMM:5.9e-09)
9113	16755_1.R1084_frame3	zf-c3hc4(HMM:0.00015)
9114	LIB3433-017-Q6-K1-C1_frame3	zf-c3hc4(HMM:0.00022)
9115	g3767877_frame1	zf-c3hc4(HMM:0.00026)
9116	uC-osflcyp120h01b1_frame2	zf-c3hc4(HMM:0.00091)
9117	uC-osflcyp162h01b1_frame3	zf-c3hc4(HMM:0.0012)
9118	LIB3432-023-P1-K1-D7_frame3	zf-c3hc4(HMM:0.0016)
9119	g2309927_frame3	zf-c3hc4(HMM:0.0017)
9120	uC-osflm202108h12b1_frame5	zf-c3hc4(HMM:0.0021)
9121	g2309767_frame2	zf-c3hc4(HMM:0.0024)
9122	67501_1.R1084_frame1	zf-c3hc4(HMM:0.0027)
9123	22342_1.R1084_frame3	zf-c3hc4(HMM:0.0033)
9124	22156_1.R1084_frame2	zf-c3hc4(HMM:0.0036)
9125	LIB3431-048-P1-N1-C5_frame4	zf-c3hc4(HMM:0.0038)
9126	52198_1.R1084_frame5	zf-c3hc4(HMM:0.0042)
9127	g2429020_frame3	zf-c3hc4(HMM:0.0042)
9128	uC-osflM202066e03b1_frame2	zf-c3hc4(HMM:0.0044)
9129	LIB3432-009-P1-K1-C1_frame1	zf-c3hc4(HMM:0.0047)
9130	LIB3431-038-P1-K1-C11_frame2	zf-c3hc4(HMM:0.0049)
9131	LIB3431-024-P1-N1-G12_frame4	zf-c3hc4(HMM:0.0052)
9132	uC-osflcyp017e04b1_frame3	zf-c3hc4(HMM:0.0061)
9133	76997_1.R1084_frame2	zf-c3hc4(HMM:0.0092)
9134	uC-osflcyp170d03b1_frame1	zf-c3hc4(HMM:0.013)
9135	47632_1.R1084_frame1	zf-c3hc4(HMM:0.015)

9136	g4715309_frame3	zf-c3hc4(HMM:0.015)
9137	18509_1.R1084_frame2	zf-c3hc4(HMM:0.019)
9138	18890_1.R1084_frame1	zf-c3hc4(HMM:0.019)
9139	LIB3434-055-P1-K1-B3_frame2	zf-c3hc4(HMM:0.021)
9140	20000_1.R1084_frame2	zf-c3hc4(HMM:0.027)
9141	g286281_frame3	zf-c3hc4(HMM:0.027)
9142	g3760607_frame2	zf-c3hc4(HMM:0.027)
9143	g4968908_frame3	zf-c3hc4(HMM:0.038)
9144	87838_1.R1084_frame2	zf-c3hc4(HMM:0.072)
9145	uC-osflcyp050c09a1_frame6	zf-c3hc4(HMM:0.072)
9146	uC-osroM202027a06a1_frame3	zf-c3hc4(HMM:0.072)
9147	uC-osflcyp174e03b1_frame2	zf-c3hc4(HMM:0.095)
9148	14933_1.R1084_frame3	zf-c3hc4(HMM:0.18)
9149	14933_2.R1084_frame1	zf-c3hc4(HMM:0.18)
9150	uC-osflcyp115d03a1_frame5	zf-c3hc4(HMM:0.47)
9151	LIB3477-007-P1-K1-E7_frame2	zf-c3hc4(HMM:1.1e-08)
9152	47459_1.R1084_frame2	zf-c3hc4(HMM:1.1e-09)
9153	12231_1.R1084_frame2	zf-c3hc4(HMM:1.2e-06)
9154	uC-osflcyp009g02b1_frame3	zf-c3hc4(HMM:1.2e-06)
9155	1499_1.R1084_frame4	zf-c3hc4(HMM:1.2e-08)
9156	g2427787_frame2	zf-c3hc4(HMM:1.2e-09)
9157	LIB3433-022-P1-K1-G8_frame1	zf-c3hc4(HMM:1.3e-07)
9158	g2312701_frame1	zf-c3hc4(HMM:1.3e-08)
9159	11646_1.R1084_frame2	zf-c3hc4(HMM:1.4)
9160	uC-osrocyp003g03a1_frame4	zf-c3hc4(HMM:1.4)
9161	15093_1.R1084_frame2	zf-c3hc4(HMM:1.5)
9162	54088_1.R1084_frame1	zf-c3hc4(HMM:1.7e-07)
9163	20240_1.R1084_frame3	zf-c3hc4(HMM:1.7e-12)
9164	LIB3433-011-Q6-K1-F4_frame3	zf-c3hc4(HMM:1.7e-12)
9165	20366_1.R1084_frame3	zf-c3hc4(HMM:1.8e-10)
9166	uC-osrocyp003g06a1_frame2	zf-c3hc4(HMM:1e-09)
9167	g2311727_frame1	zf-c3hc4(HMM:2.4e-11)
9168	53008_1.R1084_frame3	zf-c3hc4(HMM:2.5e-08)
9169	35244_1.R1084_frame4	zf-c3hc4(HMM:2.6e-07)
9170	4677_1.R1084_frame6	zf-c3hc4(HMM:2.8e-10)
9171	16612_1.R1084_frame2	zf-c3hc4(HMM:2.9e-11)
9172	18218_1.R1084_frame2	zf-c3hc4(HMM:2e-10)
9173	3841_1.R1084_frame5	zf-c3hc4(HMM:2e-12)
9174	78518_1.R1084_frame2	zf-c3hc4(HMM:3.4e-08)
9175	16696_2.R1084_frame1	zf-c3hc4(HMM:3.5e-09)
9176	11602_1.R1084_frame2	zf-c3hc4(HMM:3.6e-06)
9177	g428862_frame3	zf-c3hc4(HMM:3.6e-07)
9178	LIB3434-017-P1-K1-A10_frame3	zf-c3hc4(HMM:3.6e-08)
9179	2624_1.R1084_frame5	zf-c3hc4(HMM:3.8e-06)
9180	uC-osrocyp036f12b1_frame2	zf-c3hc4(HMM:3.8e-10)
9181	21895_1.R1084_frame3	zf-c3hc4(HMM:3.8e-11)
9182	uC-osrocyp036f02b1_frame2	zf-c3hc4(HMM:4.1e-10)
9183	43821_1.R1084_frame2	zf-c3hc4(HMM:4.4e-11)
9184	g4878432_frame2	zf-c3hc4(HMM:4.6e-10)
9185	29823_1.R1084_frame1	zf-c3hc4(HMM:4.8e-06)
9186	2844_1.R1084_frame6	zf-c3hc4(HMM:4.9e-10)
9187	uC-osrocyp008g04a1_frame5	zf-c3hc4(HMM:5e-05)
9188	71198_1.R1084_frame2	zf-c3hc4(HMM:5e-11)

9189	924_1.R1084_frame1	zf-c3hc4(HMM:6.4e-10)
9190	19029_1.R1084_frame3	zf-c3hc4(HMM:7.4e-07)
9191	20812_1.R1084_frame1	zf-c3hc4(HMM:7e-05)
9192	3244_1.R1084_frame4	zf-c3hc4(HMM:8.2e-09)
9193	uC-osflM202061g07b1_frame3	zf-c3hc4(HMM:8.5e-12)
9194	25531_1.R1084_frame1	zf-c3hc4(HMM:9.6e-08)
9195	25531_2.R1084_frame1	zf-c3hc4(HMM:9.6e-08)
9196	21411_1.R1084_frame2	zf-c3hc4(HMM:9.8e-05)
9197	LIB3474-003-P1-K1-G2_frame3	zf-c3hc4(HMM:9.9e-09)
9198	g4969130_frame2	zf-ccch(HMM:0.00027)
9199	g2801257_frame1	zf-ccch(HMM:0.00029)
9200	uC-osroM202029c04b1_frame1	zf-ccch(HMM:0.0051)
9201	14796_1.R1084_frame1	zf-ccch(HMM:0.2)
9202	964_1.R1084_frame1	zf-ccch(HMM:1.4e-08)
9203	965_1.R1084_frame3	zf-ccch(HMM:1.7e-08)
9204	g1631940_frame1	zf-ccch(HMM:3.7e-06)
9205	LIB3431-024-P1-K1-G12_frame2	zf-ccch(HMM:3.9e-10)
9206	51043_1.R1084_frame6	zf-ccch(HMM:4.4e-09)
9207	32357_1.R1084_frame2	zf-ccch(HMM:5.1e-09)
9208	g2428543_frame3	zf-ccch(HMM:6.7e-09)
9209	LIB3474-006-P1-K1-A5_frame1	zf-cchc(HMM:0.0001)
9210	uC-osflM202020g01b1_frame1	zf-cchc(HMM:0.00062)
9211	5084_1.R1084_frame5	zf-cchc(HMM:0.0047)
9212	62211_1.R1084_frame3	zf-cchc(HMM:0.015)
9213	101595_1.R1084_frame2	zf-cchc(HMM:1.1e-05)
9214	g286337_frame4	zf-cchc(HMM:1.3e-05)
9215	LIB3434-029-P1-K1-D7_frame1	zf-cchc(HMM:1.8e-22)
9216	21958_1.R1084_frame2	zf-cchc(HMM:2.1e-16)
9217	3851_1.R1084_frame5	zf-cchc(HMM:2.2e-10)
9218	g2311551_frame3	zf-cchc(HMM:2e-06)
9219	g286705_frame3	zf-cchc(HMM:3.1e-05)
9220	3770_1.R1084_frame6	zf-cchc(HMM:3.4e-05)
9221	g2800841_frame2	zf-cchc(HMM:3.7e-11)
9222	24304_1.R1084_frame3	zf-cchc(HMM:4.7e-28)
9223	LIB3433-037-P1-K1-F2_frame1	zf-cchc(HMM:5.6e-05)
9224	7792_1.R1084_frame1	zf-cchc(HMM:6.7e-05)
9225	LIB3599-001-P1-K6-H9_frame2	zf-cchc(HMM:6.8e-06)
9226	uC-osflcyp173f05b1_frame2	zf-cchc(HMM:7.7e-06)
9227	LIB3432-017-P1-K1-C3_frame3	zf-cchc(HMM:9.5e-06)
9228	uC-osflcyp173f04b1_frame2	zf-constans(HMM:0.48)
9229	LIB3474-001-P1-K1-C3_frame2	zf-constans(HMM:1.3e-12)
9230	2_2.R1084_frame3	zf-constans(HMM:2.3e-39)
9231	1_1.R1084_frame3	zf-constans(HMM:2.5e-28)
9232	LIB3474-003-P1-K1-B7_frame3	zf-constans(HMM:3.5e-15)
9233	LIB3433-026-P1-K1-D1_frame2	zf-constans(HMM:4.5e-18)
9234	2_4.R1084_frame2	zf-constans(HMM:6.7e-37)
9235	uC-osroM202022c01b1_frame3	zf-mynd(HMM:0.0038)
9236	LIB3434-065-P1-K1-B5_frame2	zf-mynd(HMM:0.029)
9237	LIB3431-021-P1-K1-B10_frame2	zf-mynd(HMM:2.9e-11)
9238	g2428360_frame1	zf-mynd(HMM:4.2e-11)
9239	14089_1.R1084_frame3	zz(HMM:0.011)
9240	27898_1.R1084_frame2	zz(HMM:0.078)

9241

10968\_1.R1084\_frame2

zz(HMM:2.5e-05)

0924660.00001



**Table 7. Nucleic acid sequences encoding transcription factors from rice**

SEQ NUM	SEQ ID	Family/Method/E-value
9242	g4968705	14-3-3(HMM:0.00012)
9243	LIB3434-064-P1-K1-F6	14-3-3(HMM:0.00056)
9244	617_5.R1084	14-3-3(HMM:0.00059)
9245	uC-osroM202032b04b1	14-3-3(HMM:0.0012)
9246	uC-osflm202111e11b1	14-3-3(HMM:0.0038)
9247	358_2.R1084	14-3-3(HMM:1.3e-63)
9248	359_1.R1084	14-3-3(HMM:1.4e-175)
9249	LIB3431-002-P1-K1-B6	14-3-3(HMM:1.6e-13)
9250	uC-osflcyp002e09b1	14-3-3(HMM:1.7e-19)
9251	uC-osflcyp080c06a1	14-3-3(HMM:1.8e-15)
9252	28911_1.R1084	14-3-3(HMM:1.8e-17)
9253	358_1.R1084	14-3-3(HMM:1.8e-180)
9254	uC-osrocyp028c03a1	14-3-3(HMM:1.8e-23)
9255	92487_1.R1084	14-3-3(HMM:2.1e-33)
9256	LIB3434-047-P1-K1-A2	14-3-3(HMM:2.5e-34)
9257	LIB3431-058-P1-K1-E2	14-3-3(HMM:2.6e-18)
9258	uC-osrocyp028c02b1	14-3-3(HMM:2.8e-13)
9259	17909_1.R1084	14-3-3(HMM:2e-66)
9260	LIB3434-042-P1-K1-G5	14-3-3(HMM:3.5e-104)
9261	LIB3432-011-P1-K1-F9	14-3-3(HMM:3.7e-10)
9262	357_1.R1084	14-3-3(HMM:4.4e-181)
9263	g3106478	14-3-3(HMM:4.9e-06)
9264	LIB3431-007-P1-K1-B4	14-3-3(HMM:5)
9265	g2442689	14-3-3(HMM:5.2e-10)
9266	LIB3432-032-P2-K1-F8	14-3-3(HMM:5.3e-48)
9267	358_4.R1084	14-3-3(HMM:5.7e-56)
9268	uC-osroM202039c12b1	14-3-3(HMM:5.9e-07)
9269	g2798877	14-3-3(HMM:6.9e-08)
9270	LIB3431-001-P1-K1-G10	14-3-3(HMM:7.2e-05)
9271	617_1.R1084	14-3-3(HMM:7e-180)
9272	6047_2.R1084	14-3-3(HMM:8.3e-33)
9273	LIB3434-001-P1-K1-E7	14-3-3(HMM:8.7e-07)
9274	4935_1.R1084	ank(HMM:0.0005)
9275	g5667511	ank(HMM:0.00067)
9276	2013_1.R1084	ank(HMM:0.00078)
9277	uC-osroM202013h02b1	ank(HMM:0.0082)
9278	uC-osroM202020g09b1	ank(HMM:0.026)
9279	14356_2.R1084	ank(HMM:0.042)
9280	31756_1.R1084	ank(HMM:0.045)
9281	g5002941	ank(HMM:0.058)
9282	LIB3431-033-P1-K1-H1	ank(HMM:1.1e-22)
9283	g3107450	ank(HMM:1.2e-05)
9284	g2310039	ank(HMM:1.2e-06)
9285	LIB3433-042-P1-K1-D10	ank(HMM:1.2e-10)
9286	2706_1.R1084	ank(HMM:1.2e-17)
9287	LIB3432-007-P1-K1-E7	ank(HMM:1.3e-08)
9288	11714_1.R1084	ank(HMM:1.3e-13)
9289	g3762888	ank(HMM:1.5e-06)
9290	63044_1.R1084	ank(HMM:1.6e-06)
9291	g5038965	ank(HMM:1.6e-06)
9292	5527_2.R1084	ank(HMM:1.6e-20)
9293	5527_1.R1084	ank(HMM:1.8e-08)



9348	2466_1.R1084	ap2-domain(HMM:2.6e-38)
9349	21358_1.R1084	ap2-domain(HMM:2.9e-38)
9350	25592_1.R1084	ap2-domain(HMM:3.1e-14)
9351	43210_1.R1084	ap2-domain(HMM:3.2e-37)
9352	uC-osrocyp017c05b1	ap2-domain(HMM:3.4e-09)
9353	52863_1.R1084	ap2-domain(HMM:3.4e-13)
9354	g702738	ap2-domain(HMM:3.5e-06)
9355	LIB3431-060-P1-K1-F7	ap2-domain(HMM:3.5e-17)
9356	uC-osrocyp021d02b1	ap2-domain(HMM:4.1e-31)
9357	g3760180	ap2-domain(HMM:4.3e-09)
9358	14887_1.R1084	ap2-domain(HMM:4.8e-35)
9359	LIB3475-006-P1-K1-A9	ap2-domain(HMM:4e-05)
9360	g4716624	ap2-domain(HMM:5.7e-05)
9361	uC-osflcyp034f01b1	ap2-domain(HMM:5.9e-14)
9362	8473_1.R1084	ap2-domain(HMM:5e-06)
9363	uC-osrocyp005g12b1	ap2-domain(HMM:6.4e-18)
9364	g286671	ap2-domain(HMM:7.1e-11)
9365	67347_2.R1084	ap2-domain(HMM:7.4e-23)
9366	1048_1.R1084	ap2-domain(HMM:7.4e-33)
9367	uC-osflcyp143g12b1	ap2-domain(HMM:7.5)
9368	959_1.R1084	ap2-domain(HMM:7.7e-39)
9369	uC-osroM202031h07b1	ap2-domain(HMM:8.9e-10)
9370	26037_1.R1084	ap2-domain(HMM:9.1e-29)
9371	59584_1.R1084	ap2-domain(HMM:9.3e-35)
9372	g3107619	ap2-domain(HMM:9.4e-20)
9373	uC-osflm202104g06b1	arf(HMM:0.00057)
9374	g2427469	"arf(HMM:0.0022),b3(HMM:3.1e-06)"
9375	g3762230	arf(HMM:1.7e-17)
9376	32948_1.R1084	"arf(HMM:1.8e-10),iaa(HMM:1.3e-18)"
9377	12155_1.R1084	"arf(HMM:1.8e-12),b3(HMM:1.2e-27)"
9378	26066_1.R1084	"arf(HMM:2.7e-09),b3(HMM:9.8e-14)"
9379	uC-osroM202019e10b1	arf(HMM:2.9e-13)
9380	g3761532	arf(HMM:2.9e-21)
9381	44884_1.R1084	"arf(HMM:3.3e-85),b3(HMM:1.2e-15)"
9382	70520_1.R1084	arf(HMM:3.8e-16)
9383	g569467	"arf(HMM:6.5e-12),b3(HMM:6.9e-50)"
9384	g5004275	"arf(HMM:6.6e-47),b3(HMM:1.7e-60)"
9385	LIB3477-001-P1-K1-E4	arf(HMM:9.1e-08)
9386	74873_1.R1084	arid(HMM:2.7e-13)
9387	g3107746	athook(HMM:0.017)
9388	g427942	b3(HMM:0.00018)
9389	72020_1.R1084	b3(HMM:1.6e-05)
9390	12082_1.R1084	b3(HMM:3.1e-59)
9391	uC-osroM202001b04a1	b3(HMM:3.2e-17)
9392	4430_2.R1084	"bah(HMM:0.003),phd(HMM:3.9e-13)"
9393	46243_1.R1084	"bah(HMM:0.13),phd(HMM:0.0



97344\_1.R1084  
uC-osflcyp013a12b1  
g2801356  
34342\_1.R1084  
7629\_1.R1084  
  
LIB3434-023-P1-K1-B3  
26746\_1.R1084  
4245\_1.R1084  
g1632008  
19213\_1.R1084  
LIB3431-036-P1-N1-D4  
5302\_1.R1084  
518\_2.R1084  
uC-osflm202108f08b1  
g5004101  
58275\_1.R1084  
42817\_1.R1084  
g5004157  
g3061221  
uC-osflcyp127d01a1  
g4996647  
25092\_1.R1084  
133\_1.R1084  
LIB3434-040-P1-K1-B11  
130\_5.R1084  
uC-osroM202007g08a1  
130\_1.R1084  
130\_3.R1084  
g4996641  
g2311601  
81962\_1.R1084  
8302\_1.R1084  
20880\_1.R1084  
321\_2.R1084  
g3760217  
g568555  
LIB3433-019-P1-K1-A4  
13861\_1.R1084  
4529\_1.R1084  
LIB3433-009-Q6-K1-F2  
321\_6.R1084  
LIB3433-031-P1-K1-B2  
g426772  
g4880919  
uC-osroM202001c10a1  
g2431491  
uC-osflcyp057d06b1  
g2798782  
23385\_1.R1084  
uC-osflcyp109f08b1  
LIB3431-060-P1-K1-D6  
LIB3434-018-P1-K1-D7  
50521\_1.R1084

bzip(HMM:8.2e-08)  
bzip(HMM:8.5)  
cbfd\_nfyb\_hmf(HMM:0.00072)  
cbfd\_nfyb\_hmf(HMM:0.042)  
"cbfd\_nfyb\_hmf(HMM:0.055),hi  
stone(HMM:8.5e-36)"  
cbfd\_nfyb\_hmf(HMM:1.5e-33)  
cbfd\_nfyb\_hmf(HMM:2.7)  
cbfd\_nfyb\_hmf(HMM:3.7e-37)  
cbfd\_nfyb\_hmf(HMM:6.4e-15)  
cbfd\_nfyb\_hmf(HMM:9.2e-15)  
chromo(HMM:0.00024)  
chromo(HMM:0.0071)  
chromo(HMM:1e-18)  
csd(HMM:0.016)  
csd(HMM:0.4)  
csd(HMM:8.8e-09)  
dof(HMM:0.0018)  
dof(HMM:0.016)  
dof(HMM:0.19)  
dof(HMM:1.1e-36)  
dof(HMM:1.2e-23)  
dof(HMM:1.2e-35)  
dof(HMM:1.4e-35)  
dof(HMM:1.9e-05)  
dof(HMM:2.4e-29)  
dof(HMM:2.7e-17)  
dof(HMM:2e-31)  
dof(HMM:4.9e-37)  
dof(HMM:4.9e-37)  
dof(HMM:6.6e-20)  
dof(HMM:8.2e-36)  
dpb(HMM:0.00054)  
dpb(HMM:0.38)  
dpb(HMM:1.6e-75)  
dpb(HMM:1.9e-07)  
dpb(HMM:2.4e-08)  
dpb(HMM:3.3e-07)  
dpb(HMM:4.4e-08)  
dpb(HMM:8.4)  
dpb(HMM:9.1e-08)  
dpb(HMM:9.5e-06)  
enbp(HMM:1.1e-09)  
enbp(HMM:9.5)  
gata(HMM:0.023)  
gata(HMM:0.027)  
gata(HMM:0.22)  
gata(HMM:1.9e-08)  
gata(HMM:2.2e-14)  
gata(HMM:2.7e-07)  
gata(HMM:4.3e-06)  
gld-tea(HMM:0.042)  
gld-tea(HMM:0.35)  
gld-tea(HMM:0.43)



9553	LIB3433-022-P1-K1-G1	histone(HMM:1.7e-48)
9554	5333_3.R1084	histone(HMM:1.7e-51)
9555	g3762651	histone(HMM:1.8e-05)
9556	g2312266	histone(HMM:1.8e-21)
9557	g5816558	histone(HMM:1.8e-30)
9558	LIB3433-059-P1-K1-E2	histone(HMM:1.8e-45)
9559	LIB3433-035-P1-K1-G1	histone(HMM:1.9e-12)
9560	g2311284	histone(HMM:1.9e-28)
9561	g5816504	histone(HMM:1.9e-33)
9562	uC-osrocyp016d02b1	histone(HMM:1.9e-45)
9563	g2280892	histone(HMM:1e-26)
9564	LIB3432-051-P1-K1-E5	histone(HMM:1e-42)
9565	LIB3432-001-P1-K1-F5	histone(HMM:2.1e-05)
9566	705_7.R1084	histone(HMM:2.1e-16)
9567	uC-osflcyp120c02b1	histone(HMM:2.1e-17)
9568	LIB3433-044-P1-K1-F9	histone(HMM:2.1e-27)
9569	7629_3.R1084	histone(HMM:2.1e-35)
9570	g3763153	histone(HMM:2.2e-16)
9571	LIB3433-024-P1-K1-H7	histone(HMM:2.2e-32)
9572	705_1.R1084	histone(HMM:2.2e-46)
9573	uC-osflcyp058c11b1	histone(HMM:2.2e-46)
9574	LIB3433-036-P1-K1-B4	histone(HMM:2.4e-15)
9575	g4715648	histone(HMM:2.4e-27)
9576	LIB3431-046-P1-K1-B8	histone(HMM:2.5e-37)
9577	LIB3433-055-P1-K1-B7	histone(HMM:2.7e-34)
9578	434_1.R1084	histone(HMM:2e-11)
9579	705_5.R1084	histone(HMM:2e-47)
9580	670_1.R1084	histone(HMM:3.2e-12)
9581	uC-osflcyp011g09b1	histone(HMM:3.4e-25)
9582	15653_1.R1084	histone(HMM:3.5e-51)
9583	267_2.R1084	histone(HMM:3.6e-47)
9584	267_3.R1084	histone(HMM:3.6e-47)
9585	267_4.R1084	histone(HMM:3.6e-47)
9586	267_5.R1084	histone(HMM:3.6e-47)
9587	705_10.R1084	histone(HMM:3.7e-45)
9588	g5803476	histone(HMM:3.9e-28)
9589	705_6.R1084	histone(HMM:4.3e-14)
9590	uC-osflcyp037h01b1	histone(HMM:4.8e-29)
9591	uC-osflcyp035e11b1	histone(HMM:4.8e-46)
9592	g5816488	histone(HMM:4.9e-43)
9593	g426955	histone(HMM:5.5e-05)
9594	uC-osrocyp002h02b1	histone(HMM:5.6e-18)
9595	LIB3432-018-P1-K1-G3	histone(HMM:5.7e-34)
9596	LIB3431-010-P1-K1-D11	histone(HMM:5.7e-36)
9597	g5816502	histone(HMM:5.7e-44)
9598	5333_1.R1084	histone(HMM:5.7e-50)
9599	705_4.R1084	histone(HMM:5.8e-46)
9600	g572044	histone(HMM:6.2e-38)
9601	uC-osrocyp025b04a1	histone(HMM:6.7e-21)
9602	LIB3433-014-Q6-K1-D4	histone(HMM:6.8e-23)
9603	uC-osflcyp049c12b1	histone(HMM:6.9e-09)
9604	705_2.R1084	histone(HMM:7.4e-46)
9605	666_10.R1084	histone(HMM:7.5e-19)
9606	666_11.R1084	histone(HMM:7.5e-19)

9607	666_12.R1084	histone(HMM:7.5e-19)
9608	666_14.R1084	histone(HMM:7.5e-19)
9609	666_15.R1084	histone(HMM:7.5e-19)
9610	666_17.R1084	histone(HMM:7.5e-19)
9611	666_5.R1084	histone(HMM:7.5e-19)
9612	666_6.R1084	histone(HMM:7.5e-19)
9613	705_11.R1084	histone(HMM:7.6e-44)
9614	267_8.R1084	histone(HMM:7.9e-11)
9615	666_7.R1084	histone(HMM:8.1e-13)
9616	960_1.R1084	histone(HMM:8.1e-41)
9617	g3763259	histone(HMM:8.3e-13)
9618	16996_1.R1084	histone(HMM:9.2e-46)
9619	16996_2.R1084	histone(HMM:9.2e-46)
9620	uC-osroM202014h03b1	histone(HMM:9.3)
9621	g4880864	histone(HMM:9.4e-13)
9622	267_1.R1084	histone(HMM:9.5e-47)
9623	434_2.R1084	histone(HMM:9.5e-47)
9624	g5816487	histone(HMM:9.5e-47)
9625	g5816491	histone(HMM:9.5e-47)
9626	g5816524	histone(HMM:9.5e-47)
9627	g5816566	histone(HMM:9.5e-47)
9628	uC-osflcyp013d01b1	histone(HMM:9.5e-47)
9629	uC-osflcyp021e08b1	histone(HMM:9.5e-47)
9630	uC-osrocyp027g11b1	histone(HMM:9.5e-47)
9631	705_3.R1084	histone(HMM:9.7e-47)
9632	g702652	hlh(HMM:0.00014)
9633	81247_1.R1084	hlh(HMM:0.0019)
9634	15051_1.R1084	hlh(HMM:0.0095)
9635	29653_1.R1084	hlh(HMM:0.012)
9636	jC-osleLIB3474037b08a1	hlh(HMM:0.026)
9637	LIB3434-053-P1-K1-F8	hlh(HMM:1.5e-07)
9638	62323_1.R1084	hlh(HMM:1.7e-08)
9639	g1086539	hlh(HMM:1.7e-15)
9640	59186_1.R1084	hlh(HMM:2.8e-06)
9641	g3107471	hlh(HMM:3.3e-08)
9642	1808_1.R1084	hlh(HMM:3.7e-06)
9643	4295_1.R1084	hlh(HMM:3.8e-10)
9644	33187_1.R1084	hlh(HMM:4.1e-14)
9645	11488_1.R1084	hlh(HMM:4.2e-14)
9646	g569497	hlh(HMM:4.5e-12)
9647	g1086541	hlh(HMM:4.8e-09)
9648	g5003540	hlh(HMM:6.2e-12)
9649	15298_1.R1084	hlh(HMM:8.9e-07)
9650	g5039098	hlh(HMM:9e-05)
9651	uC-osflcyp018f07b1	hmg_box(HMM:0.0033)
9652	g2800810	hmg_box(HMM:0.0057)
9653	uC-osflcyp073d12b1	hmg_box(HMM:0.0085)
9654	704_1.R1084	hmg_box(HMM:0.01)
9655	LIB3431-003-P1-K1-D12	hmg_box(HMM:0.49)
9656	LIB3431-043-P1-K1-A12	hmg_box(HMM:0.8)
9657	g3090528	hmg_box(HMM:1.2e-19)
9658	41330_1.R1084	hmg_box(HMM:1.5e-17)
9659	894_2.R1084	hmg_box(HMM:1.6e-05)
9660	g2442391	hmg_box(HMM:1.9e-11)



9661	LIB3431-044-P1-K1-F10	hmg_box(HMM:2.3e-05)
9662	g2442209	hmg_box(HMM:2.5e-22)
9663	g4878754	hmg_box(HMM:2.6e-20)
9664	g3767495	hmg_box(HMM:2.8e-28)
9665	LIB3434-047-P1-K1-D1	hmg_box(HMM:2.8e-28)
9666	uC-osroM202018f09b1	hmg_box(HMM:2.8e-28)
9667	LIB3433-020-P1-K1-H6	hmg_box(HMM:2.9e-25)
9668	g701542	hmg_box(HMM:2.9e-28)
9669	LIB3431-015-P1-K1-D9	hmg_box(HMM:2e-05)
9670	g4880979	hmg_box(HMM:2e-07)
9671	g4878390	hmg_box(HMM:3.3e-20)
9672	50300_1.R1084	hmg_box(HMM:3.4e-10)
9673	408_1.R1084	hmg_box(HMM:3.9e-24)
9674	LIB3431-015-P1-K1-D5	hmg_box(HMM:4.7e-22)
9675	LIB3431-010-P1-K1-C3	hmg_box(HMM:4.8e-20)
9676	894_1.R1084	hmg_box(HMM:5.2e-31)
9677	894_4.R1084	hmg_box(HMM:5.2e-31)
9678	LIB3433-043-P1-K1-G2	hmg_box(HMM:5.2e-31)
9679	g572169	hmg_box(HMM:5.4e-19)
9680	3604_1.R1084	hmg_box(HMM:5.9e-12)
9681	g701299	hmg_box(HMM:5.9e-18)
9682	26222_1.R1084	hmg_box(HMM:6.1)
9683	g425923	hmg_box(HMM:7.4e-19)
9684	22604_1.R1084	hmg_box(HMM:8.3e-18)
9685	g569750	hmg_box(HMM:8.8e-25)
9686	556_1.R1084	"homeobox(HMM:0.00017),homeobox_knox3(9.4e-40)"
9687	137_1.R1084	"homeobox(HMM:0.0027),homeobox_knox3(7.9e-36)"
9688	12099_1.R1084	"homeobox(HMM:0.0042),homeobox_knox3(2.7e-12)"
9689	38_1.R1084	"homeobox(HMM:0.0076),homeobox_knox3(5.7e-21)"
9690	39_2.R1084	"homeobox(HMM:0.0087),homeobox_knox3(4.3e-23)"
9691	39_1.R1084	"homeobox(HMM:0.0087),homeobox_knox3(7.3e-23)"
9692	40_1.R1084	"homeobox(HMM:0.0098),homeobox_knox3(6.9e-21)"
9693	95453_1.R1084	"homeobox(HMM:0.023),homeobox_knox3(4.1e-12)"
9694	LIB3475-008-P1-K1-B6	homeobox(HMM:0.03)
9695	36_1.R1084	"homeobox(HMM:0.034),homeobox_knox3(1.0e-33)"
9696	g5103730	"homeobox(HMM:0.33),homeobox_knox3(7.0e-30)"
9697	1062_1.R1084	homeobox(HMM:1.3e-19)
9698	268_1.R1084	homeobox(HMM:1.4e-17)
9699	g5006856	homeobox(HMM:1.5e-19)
9700	34_3.R1084	"homeobox(HMM:1.8e-05),homeobox_knox3(5.2e-31)"
9701	25184_1.R1084	homeobox(HMM:2.4e-18)
9702	1063_1.R1084	homeobox(HMM:2.4e-20)
9703	34_1.R1084	"homeobox(HMM:3.1e-

9704	1061_1.R1084	05),homeobox_knox3(1.1e-37)"
9705	268_2.R1084	homeobox(HMM:3.2e-16)
9706	uC-osflcyp029c12b1	homeobox(HMM:3.9e-17)
9707	g2310468	homeobox(HMM:3e-06)
9708	34_2.R1084	homeobox(HMM:4.2e-05)
		"homeobox(HMM:4.2e-
		06),homeobox_knox3(4.5e-31)"
9709	g5006858	homeobox(HMM:4.2e-17)
9710	2872_1.R1084	"homeobox(HMM:4.4),homeobo
		x_knox3(3.2e-10)"
9711	g5038642	homeobox(HMM:4.7e-17)
9712	12768_1.R1084	homeobox(HMM:6.6e-19)
9713	uC-osroM202005g06b1	homeobox_knox3(2.8e-05)
9714	LIB3433-009-Q6-K1-C9	hsf_dna-bind(HMM:0.00017)
9715	70825_1.R1084	hsf_dna-bind(HMM:1.6e-12)
9716	g5003430	hsf_dna-bind(HMM:1.8e-05)
9717	LIB3474-012-P1-K1-B8	hsf_dna-bind(HMM:3.3e-14)
9718	g2280919	iaa(HMM:0.00026)
9719	52168_1.R1084	iaa(HMM:0.001)
9720	g571933	iaa(HMM:0.002)
9721	LIB3434-064-P1-K1-E7	iaa(HMM:0.0064)
9722	g426000	iaa(HMM:0.012)
9723	LIB3479-005-Q6-K1-H6	iaa(HMM:0.033)
9724	39441_1.R1084	iaa(HMM:0.11)
9725	g3107788	iaa(HMM:0.28)
9726	21437_1.R1084	iaa(HMM:1.1e-38)
9727	17191_1.R1084	iaa(HMM:1.1e-51)
9728	uC-osflcyp010g02b1	iaa(HMM:1.2e-06)
9729	uC-osflcyp159g02b1	iaa(HMM:1.2e-06)
9730	20063_1.R1084	iaa(HMM:1.2e-07)
9731	g3761829	iaa(HMM:1.2e-25)
9732	13796_1.R1084	iaa(HMM:1.4e-35)
9733	69310_1.R1084	iaa(HMM:1.5e-22)
9734	uC-osflM202069c04a1	iaa(HMM:1.6e-06)
9735	LIB3431-001-P1-K1-G12	iaa(HMM:1.6e-08)
9736	39267_1.R1084	iaa(HMM:2.1e-10)
9737	LIB3431-025-P1-K1-F7	iaa(HMM:2.2)
9738	13796_2.R1084	iaa(HMM:2.3e-10)
9739	21144_1.R1084	iaa(HMM:2.6e-29)
9740	57634_1.R1084	iaa(HMM:2.8)
9741	1605_1.R1084	iaa(HMM:2.9e-32)
9742	24711_1.R1084	iaa(HMM:2e-05)
9743	33188_1.R1084	iaa(HMM:2e-06)
9744	23354_1.R1084	iaa(HMM:3.4e-07)
9745	LIB3433-008-Q6-K1-G9	iaa(HMM:3.6e-37)
9746	g4715376	iaa(HMM:4.2e-07)
9747	36294_1.R1084	iaa(HMM:4.2e-37)
9748	2544_1.R1084	iaa(HMM:4e-53)
9749	g3769143	iaa(HMM:5.8e-09)
9750	g3762995	iaa(HMM:6.7e-05)
9751	LIB3479-002-Q6-K2-G11	iaa(HMM:6.7e-06)
9752	7253_2.R1084	iaa(HMM:6.8e-17)
9753	g3061262	iaa(HMM:7.1e-10)
9754	g4969224	iaa(HMM:7.6e-05)



9787	27489_1.R1084	keyword:AGL(3.0e-59)
9788	g700026	keyword:AGL(6.0e-58)
9789	49022_1.R1084	keyword:ap2(1.0e-10)
9790	45148_1.R1084	keyword:ap2(1.0e-62)
9791	31736_1.R1084	keyword:ap2(1.0e-85)
9792	uC-osflcyp162f05b1	keyword:ap2(2.0e-09)
9793	23563_1.R1084	keyword:ap2(2.0e-17)
9794	28418_1.R1084	keyword:ap2(2.0e-17)
9795	uC-osroM202033e07b1	keyword:ap2(2.0e-32)
9796	g5771042	keyword:ap2(2.0e-37)
9797	7823_1.R1084	keyword:ap2(2.0e-60)
9798	uC-osflm202101d08b1	keyword:ap2(2.0e-74)
9799	11000_1.R1084	keyword:ap2(3.0e-21)
9800	48420_1.R1084	keyword:ap2(3.0e-34)
9801	45770_1.R1084	keyword:ap2(4.0e-10)
9802	64591_1.R1084	keyword:ap2(9.0e-72)
9803	21103_1.R1084	keyword:AT-hook(2.0e-43)
9804	g286652	keyword:AT-hook(5.0e-28)
9805	g5803362	keyword:bzip(1.0e-25)
9806	LIB3432-044-P1-K1-C8	"keyword:bzip(3.0e-18),keyword:dna-binding(3.0e-18)"
9807	39840_1.R1084	keyword:bzip(4.0e-36)
9808	uC-osflcyp012e03b1	"keyword:bzip(5.0e-23),keyword:homeobox(5.0e-23)"
9809	LIB3432-044-P1-K1-C2	"keyword:bzip(5.0e-37),keyword:dna-binding(5.0e-37)"
9810	uC-osroM202005g04b1	"keyword:bzip(5.0e-70),keyword:homeobox(5.0e-70)"
9811	g5005405	keyword:bzip(6.0e-54)
9812	g5455419	keyword:CONSTANS(2.0e-12)
9813	791_1.R1084	keyword:dna-binding(0.0e+00)
9814	g5701672	keyword:dna-binding(1.0e-09)
9815	12850_1.R1084	keyword:dna-binding(1.0e-116)
9816	g3107379	keyword:dna-binding(1.0e-14)
9817	g2800246	keyword:dna-binding(1.0e-16)
9818	73416_1.R1084	keyword:dna-binding(1.0e-38)
9819	65566_1.R1084	keyword:dna-binding(1.0e-47)
9820	8961_1.R1084	keyword:dna-binding(1.0e-70)
9821	6782_1.R1084	keyword:dna-binding(2.0e-09)
9822	uC-osflcyp005g05b1	keyword:dna-binding(2.0e-12)
9823	4425_2.R1084	keyword:dna-binding(2.0e-15)
9824	uC-osflcyp097f11b1	keyword:dna-binding(2.0e-30)
9825	g2309742	keyword:dna-binding(2.0e-55)
9826	LIB3434-038-P1-K1-D11	keyword:dna-binding(3.0e-10)
9827	g2799822	keyword:dna-binding(3.0e-14)
9828	g286642	keyword:dna-binding(3.0e-25)
9829	2851_1.R1084	keyword:dna-binding(3.0e-66)
9830	g5003004	keyword:dna-binding(4.0e-09)
9831	21100_1.R1084	keyword:dna-binding(4.0e-39)
9832	53921_1.R1084	keyword:dna-binding(4.0e-48)

24831	1.R1084	keyword:dna-binding(5.0e-22)
9834	LIB3434-062-P1-K1-C5	keyword:dna-binding(5.0e-24)
9835	15176_1.R1084	keyword:dna-binding(5.0e-70)
9836	g702330	keyword:dna-binding(6.0e-16)
9837	LIB3475-003-P1-K2-D5	keyword:dna-binding(6.0e-20)
9838	LIB3433-056-P1-K1-D3	keyword:dna-binding(6.0e-33)
9839	LIB3433-031-P1-K1-E11	keyword:dna-binding(6.0e-39)
9840	13023_1.R1084	keyword:dna-binding(6.0e-67)
9841	4425_1.R1084	keyword:dna-binding(7.0e-15)
9842	LIB3432-045-P1-K1-D12	keyword:dna-binding(7.0e-16)
9843	uC-osroM202007f04b1	keyword:dna-binding(8.0e-14)
9844	LIB3432-031-P1-K1-A1	keyword:dna-binding(8.0e-15)
9845	6034_1.R1084	keyword:dna-binding(9.0e-12)
9846	10716_1.R1084	keyword:dna-binding(9.0e-62)
9847	g427971	keyword:enbp(2.0e-11)
9848	5573_1.R1084	keyword:enbp(3.0e-11)
9849	18409_1.R1084	keyword:enbp(3.0e-14)
9850	g3061105	keyword:homeobox(1.0e-13)
9851	g3763207	keyword:homeobox(1.0e-177)
9852	29092_2.R1084	keyword:homeobox(1.0e-27)
9853	16462_2.R1084	keyword:homeobox(1.0e-39)
9854	g4878450	keyword:homeobox(1.0e-40)
9855	LIB3432-023-P1-K1-H9	keyword:homeobox(2.0e-13)
9856	uC-osflM202094e09b1	keyword:homeobox(2.0e-19)
9857	42739_1.R1084	keyword:homeobox(2.0e-65)
9858	uC-osrocyp034g10a1	keyword:homeobox(3.0e-30)
9859	g4716207	keyword:homeobox(3.0e-32)
9860	g2798656	keyword:homeobox(3.0e-38)
9861	16497_2.R1084	keyword:homeobox(3.0e-63)
9862	g4715665	keyword:homeobox(4.0e-14)
9863	g4968815	keyword:homeobox(4.0e-19)
9864	7379_1.R1084	keyword:homeobox(4.0e-81)
9865	LIB3431-049-P1-K1-C4	keyword:homeobox(5.0e-20)
9866	16462_1.R1084	keyword:homeobox(6.0e-42)
9867	27607_1.R1084	keyword:homeobox(6.0e-57)
9868	uC-osflcyp023c08b1	keyword:homeobox(7.0e-33)
9869	75625_1.R1084	keyword:homeobox(8.0e-12)
9870	g1036987	keyword:homeobox(9.0e-11)
9871	g2431423	keyword:homeobox(9.0e-12)
9872	g2428109	"keyword:homeodomain(1.0e-16),keyword:Leucine-zipper(1.0e-16)"
9873	uC-osflM202091e09b1	"keyword:homeodomain(1.0e-66),keyword:KNOX(1.0e-66)"
9874	27862_1.R1084	keyword:homeodomain(3.0e-20)
9875	LIB3433-024-P1-K1-D12	"keyword:homeodomain(3.0e-36),keyword:Leucine-zipper(3.0e-36)"
9876	LIB3431-060-P1-N1-G12	"keyword:homeodomain(5.0e-23),keyword:Leucine-zipper(5.0e-23)"
9877	uC-osrocyp037c05b1	"keyword:homeodomain(6.0e-10),keyword:Leucine-zipper(6.0e-10)"

9878	uC-osroM202007f01b1	"keyword:homeodomain(6.0e-13),keyword:Leucine-zipper(6.0e-13)"
9879	LIB3432-059-P1-K1-A7	keyword:homeodomain(6.0e-21)
9880	uC-osroM202007f07b1	"keyword:homeodomain(9.0e-58),keyword:Leucine-zipper(9.0e-58)"
9881	989_1.R1084	keyword:Leucine-zipper(1.0e-11)
9882	LIB3433-020-P1-K1-H8	keyword:Leucine-zipper(1.0e-18)
9883	LIB3433-040-P1-K1-C10	keyword:Leucine-zipper(1.0e-46)
9884	uC-osrocyp003c08a1	keyword:Leucine-zipper(2.0e-13)
9885	uC-osflm202107h06b1	keyword:Leucine-zipper(6.0e-16)
9886	uC-osflm202099e11b1	keyword:Leucine-zipper(8.0e-16)
9887	g3107709	keyword:Leucine-zipper(9.0e-13)
9888	g3766809	keyword:mads(0.0e+00)
9889	uC-osrocyp002g04b1	keyword:mads(1.0e-102)
9890	939_1.R1084	keyword:mads(1.0e-108)
9891	g700390	keyword:mads(1.0e-21)
9892	uC-osflcyp168c02b1	keyword:mads(1.0e-21)
9893	uC-osflcyp139e07b1	keyword:mads(2.0e-12)
9894	g2799733	keyword:mads(2.0e-21)
9895	uC-osrocyp012f09a1	keyword:mads(3.0e-14)
9896	g2311150	keyword:mads(3.0e-29)
9897	LIB3431-031-P1-N1-H7	keyword:mads(4.0e-63)
9898	uC-osflcyp171e06b1	keyword:mads(4.0e-64)
9899	g3766926	keyword:myb(0.0e+00)
9900	g2311180	keyword:myb(1.0e-10)
9901	LIB3434-028-P1-K1-A11	keyword:myb(1.0e-109)
9902	g2797354	keyword:myb(1.0e-124)
9903	41505_1.R1084	keyword:myb(1.0e-137)
9904	g3762489	keyword:myb(1.0e-140)
9905	LIB3475-003-P1-K2-H11	keyword:myb(1.0e-140)
9906	15310_2.R1084	keyword:myb(1.0e-19)
9907	24179_2.R1084	keyword:myb(1.0e-23)
9908	23880_5.R1084	keyword:myb(1.0e-25)
9909	g2428478	"keyword:myb(1.0e-30),keyword:dna-binding(1.0e-30)"
9910	11016_1.R1084	keyword:myb(2.0e-09)
9911	uC-osflcyp028b07b1	keyword:myb(2.0e-12)
9912	g2431127	keyword:myb(3.0e-11)
9913	23880_2.R1084	keyword:myb(3.0e-12)
9914	g3107222	keyword:myb(3.0e-22)
9915	g5455327	keyword:myb(3.0e-34)
9916	15310_1.R1084	keyword:myb(4.0e-15)
9917	uC-osflcyp106c01b1	"keyword:myb(6.0e-12),keyword:dna-binding(6.0e-12)"
9918	g3106580	keyword:myb(6.0e-36)
9919	g568662	keyword:myb(7.0e-33)
9920	30772_1.R1084	keyword:myb(8.0e-10)
9921	uC-osflcyp013d12b1	keyword:myb(8.0e-19)
9922	g3764124	keyword:scarecrow(1.0e-15)
9923	56673_1.R1084	keyword:scarecrow(7.0e-10)

9924	40321_1.R1084	keyword:scarecrow(7.0e-17)
9925	g2428540	keyword:transcription(1.0e-09)
9926	29696_1.R1084	keyword:transcription(1.0e-10)
9927	13411_1.R1084	keyword:transcription(1.0e-109)
9928	14950_1.R1084	keyword:transcription(1.0e-11)
9929	LIB3475-003-P1-K2-H5	keyword:transcription(1.0e-11)
9930	LIB3475-009-P1-K1-G5	keyword:transcription(1.0e-11)
9931	LIB3431-020-P1-K1-C3	keyword:transcription(1.0e-12)
9932	g2442395	"keyword:transcription(1.0e-139),keyword:bzip(1.0e-139)"
9933	g3106822	keyword:transcription(1.0e-14)
9934	29931_1.R1084	keyword:transcription(1.0e-15)
9935	46041_1.R1084	keyword:transcription(1.0e-17)
9936	LIB3431-055-P2-K1-H12	keyword:transcription(1.0e-18)
9937	8854_1.R1084	keyword:transcription(1.0e-19)
9938	61380_1.R1084	keyword:transcription(1.0e-22)
9939	uC-osflcyp122a06b1	keyword:transcription(1.0e-29)
9940	g286583	keyword:transcription(1.0e-34)
9941	60824_1.R1084	keyword:transcription(1.0e-41)
9942	g4715646	keyword:transcription(2.0e-09)
9943	LIB3432-023-P1-K1-D4	keyword:transcription(2.0e-10)
9944	uC-osflcyp026d01b1	keyword:transcription(2.0e-11)
9945	uC-osflcyp082b06b1	"keyword:transcription(2.0e-11),keyword:myb(2.0e-11),keyword:dna-binding(2.0e-11)"
9946	13257_1.R1084	keyword:transcription(2.0e-12)
9947	71934_1.R1084	"keyword:transcription(2.0e-15),keyword:bzip(2.0e-15)"
9948	LIB3434-042-P1-K1-A9	keyword:transcription(2.0e-17)
9949	15120_1.R1084	"keyword:transcription(2.0e-17),keyword:zinc-finger(2.0e-17)"
9950	1998_1.R1084	keyword:transcription(2.0e-18)
9951	g2800802	keyword:transcription(2.0e-19)
9952	984_1.R1084	keyword:transcription(2.0e-20)
9953	uC-osflM202086a05a1	keyword:transcription(2.0e-22)
9954	23206_2.R1084	keyword:transcription(2.0e-26)
9955	24716_1.R1084	keyword:transcription(2.0e-29)
9956	535_2.R1084	keyword:transcription(2.0e-29)
9957	LIB3433-025-P1-K1-E5	keyword:transcription(2.0e-40)
9958	LIB3434-008-P1-K1-D8	keyword:transcription(3.0e-09)
9959	63140_1.R1084	keyword:transcription(3.0e-10)
9960	7754_1.R1084	keyword:transcription(3.0e-12)
9961	LIB3432-053-P1-K1-C9	keyword:transcription(3.0e-15)
9962	uC-osroM202011d02a1	keyword:transcription(3.0e-15)
9963	52517_1.R1084	keyword:transcription(3.0e-46)
9964	LIB3434-043-P1-K1-G4	keyword:transcription(4.0e-15)
9965	54683_1.R1084	keyword:transcription(4.0e-21)
9966	uC-osflM202081c05b1	keyword:transcription(4.0e-26)
9967	26686_1.R1084	keyword:transcription(4.0e-35)
9968	g2801365	keyword:transcription(4.0e-76)
9969	25874_1.R1084	keyword:transcription(5.0e-14)
9970	uC-osflcyp046b11b1	keyword:transcription(5.0e-20)





10018	5501_2.R1084	keyword:zinc-finger(3.0e-20)
10019	15241_1.R1084	keyword:zinc-finger(3.0e-34)
10020	uC-osflm202109e01b1	keyword:zinc-finger(3.0e-49)
10021	uC-osroM202039a10b1	keyword:zinc-finger(3.0e-66)
10022	g3763031	keyword:zinc-finger(4.0e-10)
10023	g2442520	keyword:zinc-finger(4.0e-12)
10024	30885_5.R1084	keyword:zinc-finger(4.0e-29)
10025	g3762669	keyword:zinc-finger(4.0e-42)
10026	LIB3475-012-P1-K1-B3	keyword:zinc-finger(5.0e-15)
10027	90324_1.R1084	keyword:zinc-finger(5.0e-17)
10028	945_1.R1084	keyword:zinc-finger(5.0e-28)
10029	g2310863	keyword:zinc-finger(5.0e-46)
10030	30885_3.R1084	keyword:zinc-finger(6.0e-14)
10031	LIB3432-042-P2-K1-C5	keyword:zinc-finger(6.0e-14)
10032	55901_1.R1084	keyword:zinc-finger(6.0e-17)
10033	uC-osflcyp061a07b1	keyword:zinc-finger(6.0e-19)
10034	5501_1.R1084	keyword:zinc-finger(6.0e-40)
10035	uC-osflcyp025h12b1	keyword:zinc-finger(6.0e-50)
10036	65347_1.R1084	keyword:zinc-finger(7.0e-15)
10037	22752_1.R1084	keyword:zinc-finger(7.0e-17)
10038	LIB3477-005-P1-K1-B6	keyword:zinc-finger(7.0e-25)
10039	uC-osflcyp129b04a1	keyword:zinc-finger(7.0e-25)
10040	47079_1.R1084	keyword:zinc-finger(7.0e-36)
10041	2_3.R1084	keyword:zinc-finger(7.0e-62)
10042	LIB3434-052-P1-K1-C10	keyword:zinc-finger(8.0e-09)
10043	uC-osroM202017h09b1	keyword:zinc-finger(8.0e-11)
10044	g700954	keyword:zinc-finger(8.0e-15)
10045	LIB3475-005-P1-K1-A12	keyword:zinc-finger(8.0e-19)
10046	18382_1.R1084	keyword:zinc-finger(9.0e-09)
10047	LIB3433-013-Q6-K1-C2	keyword:zinc-finger(9.0e-10)
10048	g2428309	keyword:zinc-finger(9.0e-19)
10049	LIB3431-019-P1-K1-E3	keyword:zinc-finger(9.0e-26)
10050	33471_1.R1084	lim(HMM:0.00033)
10051	36105_1.R1084	lim(HMM:1.1e-10)
10052	29906_1.R1084	lim(HMM:1.4e-14)
10053	32464_1.R1084	lim(HMM:3.6e-16)
10054	47245_1.R1084	lim(HMM:4.8e-13)
10055	15955_1.R1084	lim(HMM:5.1e-14)
10056	uC-osflcyp029a12b1	lim(HMM:8.2e-15)
10057	29109_1.R1084	lim(HMM:9.9e-30)
10058	10135_1.R1084	linker_histone(HMM:0.00041)
10059	g4880179	linker_histone(HMM:0.0033)
10060	58045_2.R1084	"linker_histone(HMM:0.014),my b_dna-binding(HMM:0.00018)"
10061	g3106829	linker_histone(HMM:0.023)
10062	uC-osflcyp033a05b1	linker_histone(HMM:0.65)
10063	6443_2.R1084	linker_histone(HMM:1.2e-40)
10064	6443_1.R1084	linker_histone(HMM:1.6e-22)
10065	1650_1.R1084	linker_histone(HMM:1.7e-29)
10066	g3768078	linker_histone(HMM:2.5e-07)
10067	361_1.R1084	linker_histone(HMM:3.4e-27)
10068	565_1.R1084	linker_histone(HMM:3e-20)
10069	24136_1.R1084	linker_histone(HMM:4.2e-35)
10070	316_1.R1084	linker_histone(HMM:5.5e-20)

10071	361_2.R1084	linker_histone(HMM:7.5e-13)
10072	361_8.R1084	linker_histone(HMM:8.1e-24)
10073	g1044913	myb_dna-binding(HMM:0.00018)
10074	11900_1.R1084	myb_dna-binding(HMM:0.00083)
10075	uC-osflm202109f10b1	myb_dna-binding(HMM:0.00083)
10076	g5038822	myb_dna-binding(HMM:0.0059)
10077	19338_1.R1084	myb_dna-binding(HMM:0.0067)
10078	LIB3432-060-P1-K1-G9	myb_dna-binding(HMM:0.011)
10079	29944_1.R1084	myb_dna-binding(HMM:0.032)
10080	uC-osflcyp085a07b1	myb_dna-binding(HMM:0.053)
10081	2963_2.R1084	myb_dna-binding(HMM:0.063)
10082	uC-osroM202011d03b1	myb_dna-binding(HMM:0.081)
10083	25807_1.R1084	myb_dna-binding(HMM:0.11)
10084	g2427551	myb_dna-binding(HMM:0.13)
10085	g3761372	myb_dna-binding(HMM:0.21)
10086	g3768333	myb_dna-binding(HMM:0.35)
10087	LIB3475-005-P1-K1-C3	myb_dna-binding(HMM:1.1e-08)
10088	uC-osflcyp144f11b1	myb_dna-binding(HMM:1.1e-08)
10089	36633_1.R1084	myb_dna-binding(HMM:1.1e-11)
10090	uC-osflcyp029f12b1	myb_dna-binding(HMM:1.1e-17)
10091	uC-osflm202106g04b1	myb_dna-binding(HMM:1.1e-18)
10092	uC-osflcyp037e12b1	myb_dna-binding(HMM:1.1e-19)
10093	57759_1.R1084	myb_dna-binding(HMM:1.1e-23)
10094	g4138298	myb_dna-binding(HMM:1.1e-38)
10095	g2943795	myb_dna-binding(HMM:1.2e-14)
10096	15286_1.R1084	myb_dna-binding(HMM:1.2e-16)
10097	60716_1.R1084	myb_dna-binding(HMM:1.3e-19)
10098	uC-osflcyp159c11b1	myb_dna-binding(HMM:1.3e-45)
10099	g1946266	myb_dna-binding(HMM:1.4e-46)
10100	62726_1.R1084	myb_dna-binding(HMM:1.6)
10101	g428572	myb_dna-binding(HMM:1.6e-05)
10102	66726_1.R1084	myb_dna-binding(HMM:1.7)
10103	52906_1.R1084	myb_dna-binding(HMM:1.7e-34)
10104	g1945280	myb_dna-binding(HMM:1.8e-42)
10105	g2605618	myb_dna-binding(HMM:1.8e-45)
10106	g2943796	myb_dna-binding(HMM:1e-11)
10107	g1945278	myb_dna-binding(HMM:1e-43)
10108	6098_1.R1084	myb_dna-binding(HMM:2.2)
10109	LIB3433-006-Q6-K6-C8	myb_dna-binding(HMM:2.2)
10110	uC-osflcyp039g02b1	myb_dna-binding(HMM:2.2e-13)
10111	5500_1.R1084	myb_dna-binding(HMM:2.5e-18)
10112	uC-osflcyp110b03b1	myb_dna-binding(HMM:2.7)
10113	g2943797	myb_dna-binding(HMM:2.8e-11)
10114	65698_1.R1084	myb_dna-binding(HMM:2e-08)
10115	62069_1.R1084	myb_dna-binding(HMM:2e-25)
10116	254_1.R1084	myb_dna-binding(HMM:2e-43)
10117	15546_1.R1084	myb_dna-binding(HMM:3.1e-19)
10118	g2605620	myb_dna-binding(HMM:3.5e-41)
10119	283_1.R1084	myb_dna-binding(HMM:3.5e-45)
10120	201_3.R1084	myb_dna-binding(HMM:3.6e-20)
10121	72799_1.R1084	myb_dna-binding(HMM:3.6e-20)

10122	g2442373	myb_dna-binding(HMM:3.8e-05)
10123	201_1.R1084	myb_dna-binding(HMM:4.3e-46)
10124	g2605624	myb_dna-binding(HMM:4.9e-40)
10125	uC-osrocyp014d02b1	myb_dna-binding(HMM:5.1e-22)
10126	g2943794	myb_dna-binding(HMM:5.3e-12)
10127	96537_1.R1084	myb_dna-binding(HMM:5.7e-06)
10128	g569489	myb_dna-binding(HMM:5.9e-11)
10129	5500_2.R1084	myb_dna-binding(HMM:6.4e-17)
10130	2963_1.R1084	myb_dna-binding(HMM:6.7e-05)
10131	LIB3477-010-P1-K1-A3	myb_dna-binding(HMM:6.8e-23)
10132	g2943798	myb_dna-binding(HMM:6e-12)
10133	LIB3433-019-P1-K1-H3	myb_dna-binding(HMM:7.3e-09)
10134	g2431275	myb_dna-binding(HMM:7.3e-42)
10135	30629_1.R1084	myb_dna-binding(HMM:7.4e-20)
10136	LIB3434-054-P1-K1-G7	myb_dna-binding(HMM:7.6e-19)
10137	LIB3433-021-P1-K1-E2	myb_dna-binding(HMM:7.9e-05)
10138	g2605622	myb_dna-binding(HMM:8.6e-37)
10139	LIB3434-018-P1-K1-F3	myb_dna-binding(HMM:8e-41)
10140	g1945282	myb_dna-binding(HMM:9.8e-41)
10141	25429_1.R1084	nam(HMM:0.00025)
10142	uC-osflcyp108a02b1	nam(HMM:0.00028)
10143	g2280766	nam(HMM:0.0019)
10144	LIB3432-025-P1-K1-C4	nam(HMM:0.0035)
10145	g700446	nam(HMM:0.0052)
10146	g426135	nam(HMM:0.0058)
10147	g3462546	nam(HMM:0.031)
10148	g699894	nam(HMM:0.14)
10149	uC-osroM202007c05b1	nam(HMM:0.14)
10150	58401_1.R1084	nam(HMM:1.2e-77)
10151	73288_1.R1084	nam(HMM:1.4e-06)
10152	uC-osroM202017g09a1	nam(HMM:1.4e-06)
10153	g2311034	nam(HMM:1.5)
10154	70739_1.R1084	nam(HMM:1.5e-11)
10155	69232_1.R1084	nam(HMM:1.5e-18)
10156	23606_1.R1084	nam(HMM:1.9e-06)
10157	77469_1.R1084	nam(HMM:1.9e-07)
10158	45084_1.R1084	nam(HMM:2.1)
10159	LIB3431-001-P1-K1-G9	nam(HMM:2.1e-05)
10160	LIB3432-002-P1-K1-B11	nam(HMM:2.1e-12)
10161	g2310551	nam(HMM:2.5)
10162	LIB3477-009-P1-K1-E12	nam(HMM:2.7e-08)
10163	uC-osrocyp010e10b1	nam(HMM:2.8e-15)
10164	g286580	nam(HMM:2.8e-31)
10165	71900_1.R1084	nam(HMM:2.8e-33)
10166	LIB3432-002-P1-K1-B6	nam(HMM:3.1e-36)
10167	86873_1.R1084	nam(HMM:3.2e-08)
10168	68488_1.R1084	nam(HMM:3.4e-55)
10169	8308_1.R1084	nam(HMM:3.7e-07)
10170	32554_1.R1084	nam(HMM:3.8e-73)
10171	LIB3434-009-P1-K1-B11	nam(HMM:3.9e-10)
10172	g3762088	nam(HMM:4.3e-57)
10173	uC-osroM202005c08b1	nam(HMM:4.8e-07)
10174	uC-osroM202029c07b1	nam(HMM:4.9e-32)
10175	26933_1.R1084	nam(HMM:5.2e-40)

10176	g5003897	nam(HMM:5.3e-18)
10177	uC-osflcyp142b08b1	nam(HMM:5.4e-41)
10178	42911_1.R1084	nam(HMM:6.1e-21)
10179	g3768398	nam(HMM:6.5e-27)
10180	11904_1.R1084	nam(HMM:6.5e-42)
10181	41770_1.R1084	nam(HMM:6.8e-06)
10182	10326_1.R1084	nam(HMM:7.5)
10183	8132_1.R1084	nam(HMM:7e-32)
10184	uC-osrocyp010a11b1	nam(HMM:8.3e-08)
10185	60369_1.R1084	nam(HMM:8.9e-42)
10186	2878_1.R1084	nam(HMM:8e-83)
10187	14254_1.R1084	nam(HMM:9.2e-83)
10188	17383_1.R1084	nap_family(HMM:0.014)
10189	g4715450	nap_family(HMM:0.024)
10190	4673_1.R1084	nap_family(HMM:4.5e-12)
10191	g5004085	nap_family(HMM:4.6e-07)
10192	26430_1.R1084	nap_family(HMM:5.2e-11)
10193	g3107495	nap_family(HMM:9.7e-05)
10194	23048_1.R1084	nap_family(HMM:9.9e-134)
10195	473_3.R1084	phd(HMM:0.00026)
10196	4628_1.R1084	phd(HMM:0.00027)
10197	21284_1.R1084	phd(HMM:0.0036)
10198	30447_1.R1084	phd(HMM:0.047)
10199	806_1.R1084	phd(HMM:0.049)
10200	g3107408	phd(HMM:0.052)
10201	LIB3432-044-P1-K1-F12	phd(HMM:0.66)
10202	71359_1.R1084	phd(HMM:1.5e-11)
10203	15349_1.R1084	phd(HMM:1e-05)
10204	834_1.R1084	phd(HMM:2.5e-13)
10205	g2310253	phd(HMM:2.8e-12)
10206	33858_1.R1084	phd(HMM:3.2e-10)
10207	LIB3475-001-P1-K2-A6	phd(HMM:4.6e-05)
10208	g2310356	phd(HMM:4.9e-13)
10209	33805_1.R1084	phd(HMM:5.5e-07)
10210	3817_1.R1084	phd(HMM:8.7e-12)
10211	6912_2.R1084	response_reg(HMM:0.0024)
10212	g428412	response_reg(HMM:0.0046)
10213	18941_1.R1084	response_reg(HMM:0.13)
10214	g428793	response_reg(HMM:0.25)
10215	g2310482	response_reg(HMM:0.46)
10216	6694_1.R1084	response_reg(HMM:1.1e-29)
10217	27227_1.R1084	response_reg(HMM:2.5e-33)
10218	65600_1.R1084	response_reg(HMM:6.7e-05)
10219	uC-osflcyp152a08b1	response_reg(HMM:6e-36)
10220	30154_1.R1084	response_reg(HMM:8.8e-10)
10221	uC-osflM202098d12b1	response_reg(HMM:8e-08)
10222	57553_1.R1084	sbpb(HMM:0.00027)
10223	g3060979	sbpb(HMM:0.00029)
10224	g2427896	sbpb(HMM:0.0017)
10225	LIB3431-005-P1-K1-A11	sbpb(HMM:1.2e-07)
10226	uC-osflcyp111h05b1	sbpb(HMM:4e-22)
10227	413_1.R1084	sbpb(HMM:4e-41)
10228	LIB3431-003-P1-K1-F10	scr(HMM:0.00012)
10229	g2428032	scr(HMM:0.00014)

10230	g2800755	scr(HMM:0.0015)
10231	LIB3475-010-P1-K1-G4	scr(HMM:0.013)
10232	LIB3475-004-P1-K2-A7	scr(HMM:0.034)
10233	3411_1.R1084	scr(HMM:0.11)
10234	LIB3434-055-P1-K1-A3	scr(HMM:0.24)
10235	18680_1.R1084	scr(HMM:1.7e-06)
10236	uC-osflcyp154e07b1	scr(HMM:1.9e-12)
10237	58370_1.R1084	scr(HMM:2.2e-08)
10238	16838_1.R1084	scr(HMM:2.3e-05)
10239	869_1.R1084	scr(HMM:2.4e-09)
10240	92707_1.R1084	scr(HMM:2e-24)
10241	g1632595	scr(HMM:4.8e-10)
10242	uC-osroM202029e07a1	scr(HMM:5.5)
10243	73928_1.R1084	scr(HMM:5.8e-10)
10244	47013_1.R1084	scr(HMM:8.5e-19)
10245	uC-osflM202039c07b1	scr(HMM:8.8e-13)
10246	LIB3434-040-P1-K1-A12	scr(HMM:9.3e-30)
10247	LIB3433-008-Q6-K1-D12	set(HMM:0.0009)
10248	g286292	set(HMM:0.29)
10249	g3767459	set(HMM:1.3e-10)
10250	LIB3474-011-P1-K1-F11	set(HMM:1.6e-07)
10251	g6024918	set(HMM:2.3e-05)
10252	13697_1.R1084	set(HMM:2.8e-40)
10253	69773_1.R1084	set(HMM:3.2e-14)
10254	1282_1.R1084	set(HMM:6.9e-12)
10255	34943_1.R1084	set(HMM:7.2e-06)
10256	LIB3434-021-P1-K1-B11	set(HMM:7.5e-52)
10257	uC-osflM202075a05b1	snf2_n(HMM:0.00023)
10258	uC-osflm202106b05b1	snf2_n(HMM:0.017)
10259	10281_1.R1084	snf2_n(HMM:1.8e-13)
10260	g4878434	snf2_n(HMM:2.9e-28)
10261	LIB3432-034-P2-K1-D8	snf2_n(HMM:3e-10)
10262	g568929	snf2_n(HMM:3e-20)
10263	g2310168	snf2_n(HMM:6.9e-06)
10264	g5002985	snf2_n(HMM:6e-05)
10265	g3061059	srf-tf(HMM:0.017)
10266	g5426465	srf-tf(HMM:1.1e-27)
10267	uC-osflcyp174g12b1	srf-tf(HMM:1.2e-28)
10268	16_1.R1084	srf-tf(HMM:1.4e-29)
10269	25529_1.R1084	srf-tf(HMM:1.5e-05)
10270	g700642	srf-tf(HMM:1.5e-33)
10271	uC-osflM202096e01b1	srf-tf(HMM:2.1e-06)
10272	uC-osflcyp139b07b1	srf-tf(HMM:2.2e-22)
10273	g426557	srf-tf(HMM:2.7e-38)
10274	g6012815	srf-tf(HMM:3.5e-20)
10275	LIB3431-031-P1-K1-H7	srf-tf(HMM:3.9)
10276	g5003359	srf-tf(HMM:3.9e-33)
10277	LIB3432-010-P1-K1-H6	srf-tf(HMM:4.1e-16)
10278	uC-osflM202089a01b1	srf-tf(HMM:4e-32)
10279	uC-osflcyp126b06b1	srf-tf(HMM:5.6e-38)
10280	uC-osflcyp021c04b1	srf-tf(HMM:6.5e-33)
10281	g3763404	tbp(HMM:1.7e-38)
10282	20009_1.R1084	tbp(HMM:1.8e-38)
10283	g2312500	tbp(HMM:5.9e-38)

10284	55698_1.R1084	tbp(HMM:9e-39)
10285	g2442643	teo(HMM:0.00054)
10286	196_1.R1084	teo(HMM:1.1e-36)
10287	g2580437	teo(HMM:1.6e-39)
10288	uC-osflcyp154c11b1	teo(HMM:2.8e-37)
10289	uC-osrocyp034e01a1	teo(HMM:4e-30)
10290	g5003300	teo(HMM:5.4e-20)
10291	50960_1.R1084	tffiis(HMM:0.01)
10292	31151_2.R1084	tffiis(HMM:1.9e-14)
10293	uC-osflcyp081e09b1	tffiis(HMM:3.3e-12)
10294	8460_1.R1084	tffiis(HMM:4.2e-07)
10295	32881_1.R1084	transcript_fac2(HMM:9e-23)
10296	uC-osroM202008e08a1	trihelix(HMM:0.0037)
10297	43338_1.R1084	trihelix(HMM:2.2e-55)
10298	uC-osflm202102e01b1	trihelix(HMM:2e-05)
10299	LIB3475-004-P1-K2-E8	trihelix(HMM:4.8)
10300	LIB3433-042-P1-K1-H2	wrky(HMM:0.00011)
10301	uC-osflcyp011c08b1	wrky(HMM:0.00019)
10302	g2800851	wrky(HMM:0.00025)
10303	72918_1.R1084	wrky(HMM:0.00059)
10304	g2798493	wrky(HMM:0.0017)
10305	g2800142	wrky(HMM:0.0017)
10306	LIB3431-016-P1-K1-D12	wrky(HMM:0.0018)
10307	14435_1.R1084	wrky(HMM:0.18)
10308	uC-osrocyp012c07b1	wrky(HMM:0.18)
10309	LIB3432-039-P1-K1-E2	wrky(HMM:1.1e-12)
10310	LIB3431-050-P1-K1-E10	wrky(HMM:1.5)
10311	uC-osflcyp101b09b1	wrky(HMM:1.5)
10312	60508_1.R1084	wrky(HMM:1.7e-18)
10313	g3608507	wrky(HMM:1e-34)
10314	LIB3434-014-P1-K1-E4	wrky(HMM:2.9e-40)
10315	uC-osroM202020e10b1	wrky(HMM:3.6e-30)
10316	LIB3431-058-P1-K1-A3	wrky(HMM:3.7)
10317	1072_1.R1084	wrky(HMM:3.7e-77)
10318	LIB3432-012-P1-K1-F1	wrky(HMM:3e-44)
10319	26004_1.R1084	wrky(HMM:4.1e-15)
10320	g5455512	wrky(HMM:4.5e-23)
10321	g4715891	wrky(HMM:5.4e-12)
10322	g5038691	wrky(HMM:5.5e-15)
10323	60965_1.R1084	wrky(HMM:5.9e-14)
10324	uC-osflM202091c10b1	wrky(HMM:7.3e-12)
10325	54054_1.R1084	wrky(HMM:7e-40)
10326	24687_1.R1084	wrky(HMM:9.5e-07)
10327	48654_1.R1084	"zf-b_box(HMM:0.0044),zf-constans(HMM:6e-28)"
10328	6_1.R1084	"zf-b_box(HMM:0.0085),zf-constans(HMM:1.6e-19)"
10329	7_1.R1084	"zf-b_box(HMM:0.013),zf-constans(HMM:2e-40)"
10330	5_1.R1084	"zf-b_box(HMM:0.049),zf-constans(HMM:1.4e-39)"
10331	2_1.R1084	"zf-b_box(HMM:0.057),zf-constans(HMM:8.2e-39)"
10332	3_1.R1084	"zf-b_box(HMM:6.3e-05),zf-

10333	52914_1.R1084	constans(HMM:4.5e-42)"
10334	g3760343	zf-c2h2(HMM:0.00058)
10335	LIB3433-031-P1-K1-B4	zf-c2h2(HMM:0.0011)
10336	34727_1.R1084	zf-c2h2(HMM:0.023)
10337	g5607479	zf-c2h2(HMM:0.03)
10338	45631_1.R1084	zf-c2h2(HMM:0.041)
10339	uC-osroM202007h05b1	zf-c2h2(HMM:1.3e-09)
10340	16349_1.R1084	zf-c2h2(HMM:1.3e-09)
10341	LIB3477-009-P1-K1-E9	zf-c2h2(HMM:1.3e-10)
10342	1503_1.R1084	zf-c2h2(HMM:2.3e-05)
10343	g3760342	zf-c2h2(HMM:4.8e-06)
10344	16755_1.R1084	zf-c2h2(HMM:5.9e-09)
10345	LIB3433-017-Q6-K1-C1	zf-c3hc4(HMM:0.00015)
10346	g3767877	zf-c3hc4(HMM:0.00022)
10347	uC-osflcyp120h01b1	zf-c3hc4(HMM:0.00026)
10348	uC-osflcyp162h01b1	zf-c3hc4(HMM:0.00091)
10349	LIB3432-023-P1-K1-D7	zf-c3hc4(HMM:0.0012)
10350	g2309927	zf-c3hc4(HMM:0.0016)
10351	uC-osflm202108h12b1	zf-c3hc4(HMM:0.0017)
10352	g2309767	zf-c3hc4(HMM:0.0021)
10353	67501_1.R1084	zf-c3hc4(HMM:0.0024)
10354	22342_1.R1084	zf-c3hc4(HMM:0.0027)
10355	22156_1.R1084	zf-c3hc4(HMM:0.0033)
10356	LIB3431-048-P1-N1-C5	zf-c3hc4(HMM:0.0036)
10357	52198_1.R1084	zf-c3hc4(HMM:0.0038)
10358	g2429020	zf-c3hc4(HMM:0.0042)
10359	uC-osflm202066e03b1	zf-c3hc4(HMM:0.0042)
10360	LIB3432-009-P1-K1-C1	zf-c3hc4(HMM:0.0044)
10361	LIB3431-038-P1-K1-C11	zf-c3hc4(HMM:0.0047)
10362	LIB3431-024-P1-N1-G12	zf-c3hc4(HMM:0.0049)
10363	uC-osflcyp017e04b1	zf-c3hc4(HMM:0.0052)
10364	76997_1.R1084	zf-c3hc4(HMM:0.0061)
10365	uC-osflcyp170d03b1	zf-c3hc4(HMM:0.0092)
10366	47632_1.R1084	zf-c3hc4(HMM:0.013)
10367	g4715309	zf-c3hc4(HMM:0.015)
10368	18509_1.R1084	zf-c3hc4(HMM:0.015)
10369	18890_1.R1084	zf-c3hc4(HMM:0.019)
10370	LIB3434-055-P1-K1-B3	zf-c3hc4(HMM:0.019)
10371	20000_1.R1084	zf-c3hc4(HMM:0.021)
10372	g286281	zf-c3hc4(HMM:0.027)
10373	g3760607	zf-c3hc4(HMM:0.027)
10374	g4968908	zf-c3hc4(HMM:0.027)
10375	87838_1.R1084	zf-c3hc4(HMM:0.038)
10376	uC-osflcyp050c09a1	zf-c3hc4(HMM:0.072)
10377	uC-osroM202027a06a1	zf-c3hc4(HMM:0.072)
10378	uC-osflcyp174e03b1	zf-c3hc4(HMM:0.072)
10379	14933_1.R1084	zf-c3hc4(HMM:0.095)
10380	14933_2.R1084	zf-c3hc4(HMM:0.18)
10381	uC-osflcyp115d03a1	zf-c3hc4(HMM:0.18)
10382	LIB3477-007-P1-K1-E7	zf-c3hc4(HMM:0.47)
10383	47459_1.R1084	zf-c3hc4(HMM:1.1e-08)
10384	12231_1.R1084	zf-c3hc4(HMM:1.1e-09)
10385	uC-osflcyp009g02b1	zf-c3hc4(HMM:1.2e-06)

10386	1499_1.R1084	zf-c3hc4(HMM:1.2e-08)
10387	g2427787	zf-c3hc4(HMM:1.2e-09)
10388	LIB3433-022-P1-K1-G8	zf-c3hc4(HMM:1.3e-07)
10389	g2312701	zf-c3hc4(HMM:1.3e-08)
10390	11646_1.R1084	zf-c3hc4(HMM:1.4)
10391	uC-osrocyp003g03a1	zf-c3hc4(HMM:1.4)
10392	15093_1.R1084	zf-c3hc4(HMM:1.5)
10393	54088_1.R1084	zf-c3hc4(HMM:1.7e-07)
10394	20240_1.R1084	zf-c3hc4(HMM:1.7e-12)
10395	LIB3433-011-Q6-K1-F4	zf-c3hc4(HMM:1.7e-12)
10396	20366_1.R1084	zf-c3hc4(HMM:1.8e-10)
10397	uC-osrocyp003g06a1	zf-c3hc4(HMM:1e-09)
10398	g2311727	zf-c3hc4(HMM:2.4e-11)
10399	53008_1.R1084	zf-c3hc4(HMM:2.5e-08)
10400	35244_1.R1084	zf-c3hc4(HMM:2.6e-07)
10401	4677_1.R1084	zf-c3hc4(HMM:2.8e-10)
10402	16612_1.R1084	zf-c3hc4(HMM:2.9e-11)
10403	18218_1.R1084	zf-c3hc4(HMM:2e-10)
10404	3841_1.R1084	zf-c3hc4(HMM:2e-12)
10405	78518_1.R1084	zf-c3hc4(HMM:3.4e-08)
10406	16696_2.R1084	zf-c3hc4(HMM:3.5e-09)
10407	11602_1.R1084	zf-c3hc4(HMM:3.6e-06)
10408	g428862	zf-c3hc4(HMM:3.6e-07)
10409	LIB3434-017-P1-K1-A10	zf-c3hc4(HMM:3.6e-08)
10410	2624_1.R1084	zf-c3hc4(HMM:3.8e-06)
10411	uC-osrocyp036f12b1	zf-c3hc4(HMM:3.8e-10)
10412	21895_1.R1084	zf-c3hc4(HMM:3.8e-11)
10413	uC-osrocyp036f02b1	zf-c3hc4(HMM:4.1e-10)
10414	43821_1.R1084	zf-c3hc4(HMM:4.4e-11)
10415	g4878432	zf-c3hc4(HMM:4.6e-10)
10416	29823_1.R1084	zf-c3hc4(HMM:4.8e-06)
10417	2844_1.R1084	zf-c3hc4(HMM:4.9e-10)
10418	uC-osrocyp008g04a1	zf-c3hc4(HMM:5e-05)
10419	71198_1.R1084	zf-c3hc4(HMM:5e-11)
10420	924_1.R1084	zf-c3hc4(HMM:6.4e-10)
10421	19029_1.R1084	zf-c3hc4(HMM:7.4e-07)
10422	20812_1.R1084	zf-c3hc4(HMM:7e-05)
10423	3244_1.R1084	zf-c3hc4(HMM:8.2e-09)
10424	uC-osflM202061g07b1	zf-c3hc4(HMM:8.5e-12)
10425	25531_1.R1084	zf-c3hc4(HMM:9.6e-08)
10426	25531_2.R1084	zf-c3hc4(HMM:9.6e-08)
10427	21411_1.R1084	zf-c3hc4(HMM:9.8e-05)
10428	LIB3474-003-P1-K1-G2	zf-c3hc4(HMM:9.9e-09)
10429	g4969130	zf-ccch(HMM:0.00027)
10430	g2801257	zf-ccch(HMM:0.00029)
10431	uC-osroM202029c04b1	zf-ccch(HMM:0.0051)
10432	51042_1.R1084	zf-ccch(HMM:0.086)
10433	14796_1.R1084	zf-ccch(HMM:0.2)
10434	964_1.R1084	zf-ccch(HMM:1.4e-08)
10435	965_1.R1084	zf-ccch(HMM:1.7e-08)
10436	g1631940	zf-ccch(HMM:3.7e-06)
10437	LIB3431-024-P1-K1-G12	zf-ccch(HMM:3.9e-10)
10438	51043_1.R1084	zf-ccch(HMM:4.4e-09)
10439	32357_1.R1084	zf-ccch(HMM:5.1e-09)



10440	g2428543	zf-ccch(HMM:6.7e-09)
10441	LIB3474-006-P1-K1-A5	zf-cchc(HMM:0.0001)
10442	uC-osfIM202020g01b1	zf-cchc(HMM:0.00062)
10443	5084_1.R1084	zf-cchc(HMM:0.0047)
10444	62211_1.R1084	zf-cchc(HMM:0.015)
10445	101595_1.R1084	zf-cchc(HMM:1.1e-05)
10446	g286337	zf-cchc(HMM:1.3e-05)
10447	37716_1.R1084	zf-cchc(HMM:1.6e-19)
10448	LIB3434-029-P1-K1-D7	zf-cchc(HMM:1.8e-22)
10449	21958_1.R1084	zf-cchc(HMM:2.1e-16)
10450	3851_1.R1084	zf-cchc(HMM:2.2e-10)
10451	g2311551	zf-cchc(HMM:2e-06)
10452	g286705	zf-cchc(HMM:3.1e-05)
10453	3770_1.R1084	zf-cchc(HMM:3.4e-05)
10454	g2800841	zf-cchc(HMM:3.7e-11)
10455	24304_1.R1084	zf-cchc(HMM:4.7e-28)
10456	LIB3433-037-P1-K1-F2	zf-cchc(HMM:5.6e-05)
10457	7792_1.R1084	zf-cchc(HMM:6.7e-05)
10458	LIB3599-001-P1-K6-H9	zf-cchc(HMM:6.8e-06)
10459	uC-osflcyp173f05b1	zf-cchc(HMM:7.7e-06)
10460	LIB3432-017-P1-K1-C3	zf-cchc(HMM:9.5e-06)
10461	uC-osflcyp173f04b1	zf-constans(HMM:0.48)
10462	LIB3474-001-P1-K1-C3	zf-constans(HMM:1.3e-12)
10463	2_2.R1084	zf-constans(HMM:2.3e-39)
10464	1_1.R1084	zf-constans(HMM:2.5e-28)
10465	LIB3474-003-P1-K1-B7	zf-constans(HMM:3.5e-15)
10466	LIB3433-026-P1-K1-D1	zf-constans(HMM:4.5e-18)
10467	2_4.R1084	zf-constans(HMM:6.7e-37)
10468	uC-osroM202022c01b1	zf-mynd(HMM:0.0038)
10469	LIB3434-065-P1-K1-B5	zf-mynd(HMM:0.029)
10470	LIB3431-021-P1-K1-B10	zf-mynd(HMM:2.9e-11)
10471	g2428360	zf-mynd(HMM:4.2e-11)
10472	14089_1.R1084	zz(HMM:0.011)
10473	27898_1.R1084	zz(HMM:0.078)
10474	10968_1.R1084	zz(HMM:2.5e-05)

Table 8. Nucleic acid sequences encoding transcription factors from soy.

SEQ NUM	SEQ ID	Family/Method/E-value
10475	LIB3170-033-Q1-K1-B1	14-3-3(HMM:0.00015)
10476	LIB3170-001-Q1-K1-C8	14-3-3(HMM:0.00018)
10477	LIB3106-074-Q1-K1-A6	14-3-3(HMM:0.00042),hmg_box(HMM:6.1e-16)
10478	LIB3093-015-Q1-K2-C6	14-3-3(HMM:0.00048)
10479	ncj700977467.h1	14-3-3(HMM:0.0022)
10480	391_2.R1040	14-3-3(HMM:0.0023)
10481	LIB3040-008-Q1-E1-D4	14-3-3(HMM:0.0024)
10482	LIB3139-012-P1-N1-A2	14-3-3(HMM:0.042)
10483	LIB3094-060-Q1-K1-E2	14-3-3(HMM:0.047)
10484	488_2.R1040	14-3-3(HMM:0.14)
10485	gsv701044857.h1	14-3-3(HMM:1.1e-21)
10486	LIB3092-003-Q1-K1-G11	14-3-3(HMM:1.1e-31)
10487	jC-gmst02400020g07a1	14-3-3(HMM:1.2e-05)
10488	pmv700891610.h1	14-3-3(HMM:1.2e-14)
10489	g5688049	14-3-3(HMM:1.3)
10490	1352_6.R1040	14-3-3(HMM:1.5e-05)
10491	leu701149301.h1	14-3-3(HMM:1.5e-05)
10492	LIB3094-060-Q1-K1-D9	14-3-3(HMM:1.5e-07)
10493	LIB3051-101-Q1-K1-B10	14-3-3(HMM:1.5e-11)
10494	1352_13.R1040	14-3-3(HMM:1.5e-15)
10495	g4396037	14-3-3(HMM:1.5e-18)
10496	hyd700730549.h1	14-3-3(HMM:1.6e-11)
10497	488_1.R1040	14-3-3(HMM:1.6e-115)
10498	jex700908750.h1	14-3-3(HMM:1.6e-13)
10499	1352_1.R1040	14-3-3(HMM:1.6e-81)
10500	fC-gmst700661063a3	14-3-3(HMM:1.7e-06)
10501	LIB3092-034-Q1-K1-F9	14-3-3(HMM:1.7e-07)
10502	LIB3094-072-Q1-K1-C6	14-3-3(HMM:1.7e-24)
10503	LIB3028-005-Q1-B1-B10	14-3-3(HMM:1e-22)
10504	LIB3106-054-Q1-K1-A4	14-3-3(HMM:2.1e-09)
10505	wvk700681984.h1	14-3-3(HMM:2.2e-07)
10506	uC-gmflminsoy100a11b1	14-3-3(HMM:2e-16)
10507	seb700654252.h1	14-3-3(HMM:2e-23)
10508	hrw701063321.h1	14-3-3(HMM:2e-26)
10509	vwf700673717.h1	14-3-3(HMM:3.1e-06)
10510	LIB3094-073-Q1-K1-C4	14-3-3(HMM:3.1e-10)
10511	vzy700755182.h1	14-3-3(HMM:3.1e-24)
10512	leu701148161.h1	14-3-3(HMM:3.4e-09)
10513	vzy700754077.h1	14-3-3(HMM:3.4e-10)
10514	zsg701123836.h1	14-3-3(HMM:3.4e-16)
10515	uaw700666294.h1	14-3-3(HMM:3.5e-37)
10516	213_7.R1040	14-3-3(HMM:3.9e-46)
10517	LIB3040-061-Q1-E1-D10	14-3-3(HMM:4.2e-06)
10518	gsv701053255.h1	14-3-3(HMM:4.2e-14)
10519	391_1.R1040	14-3-3(HMM:4.2e-180)
10520	smc700748260.h1	14-3-3(HMM:4.2e-25)
10521	zhf700956003.h1	14-3-3(HMM:4.3)
10522	smc700746076.h1	14-3-3(HMM:4.4e-09)
10523	213_5.R1040	14-3-3(HMM:4.4e-16)
10524	uC-gmropic018h09b1	14-3-3(HMM:5.4e-18)

10525	g5753155	14-3-3(HMM:5.4e-32)
10526	pmv700889571.h1	14-3-3(HMM:5.7e-24)
10527	1352_3.R1040	14-3-3(HMM:5.9e-08)
10528	seb700652419.h1	14-3-3(HMM:6.3e-11)
10529	asn701139613.h1	14-3-3(HMM:6.7e-20)
10530	jex700905495.h1	14-3-3(HMM:6.7e-20)
10531	1352_4.R1040	14-3-3(HMM:6.8e-28)
10532	zsg701123883.h1	14-3-3(HMM:6e-15)
10533	114137_1.R1040	14-3-3(HMM:6e-169)
10534	1352_2.R1040	14-3-3(HMM:6e-181)
10535	wvk700681991.h1	14-3-3(HMM:7)
10536	LIB3051-099-Q1-K1-H7	14-3-3(HMM:7.3e-08)
10537	9096_1.R1040	14-3-3(HMM:7.3e-170)
10538	ncj700981162.h1	14-3-3(HMM:7.5e-31)
10539	LIB3170-035-Q1-J1-B12	14-3-3(HMM:8.3e-10)
10540	9096_2.R1040	14-3-3(HMM:8.7e-05)
10541	486_1.R1040	14-3-3(HMM:8.7e-168)
10542	smc700744868.h1	14-3-3(HMM:9.4e-28)
10543	LIB3139-116-P1-N1-E7	14-3-3(HMM:9.5e-09)
10544	141047_1.R1040	ank(HMM:0.00012)
10545	102151_2.R1040	ank(HMM:0.00016)
10546	uC-gmrominsoy300g05b1	ank(HMM:0.00016)
10547	18623_1.R1040	ank(HMM:0.0002)
10548	LIB3138-060-Q1-N1-C7	ank(HMM:0.00049)
10549	uC-gmrominsoy285e09b1	ank(HMM:0.00071)
10550	jC-gmfl02220050fl1a1	ank(HMM:0.0018)
10551	jC-gmle01810005e06a1	ank(HMM:0.0021)
10552	uaw700663354.h1	ank(HMM:0.0023)
10553	jC-gmfl02220096f06a1	ank(HMM:0.0032)
10554	134733_1.R1040	ank(HMM:0.0038)
10555	21198_3.R1040	ank(HMM:0.0041)
10556	302893_1.R1040	ank(HMM:0.0064)
10557	28488_2.R1040	ank(HMM:0.0067)
10558	gsv701055674.h1	ank(HMM:0.0068)
10559	jC-gmle01810019e09a2	ank(HMM:0.0081)
10560	30321_1.R1040	ank(HMM:0.01)
10561	ncj700981286.h1	ank(HMM:0.01)
10562	148879_1.R1040	ank(HMM:0.011)
10563	49849_1.R1040	ank(HMM:0.02)
10564	7164_1.R1040	ank(HMM:0.026)
10565	zzp700832793.h1	ank(HMM:0.045)
10566	64556_1.R1040	ank(HMM:0.051)
10567	57853_1.R1040	ank(HMM:0.052)
10568	uC-gmropic087g02b1	ank(HMM:0.052)
10569	LIB3092-062-Q1-K1-D4	ank(HMM:0.1)
10570	sat701005372.h1	ank(HMM:0.11)
10571	811_2.R1040	ank(HMM:0.23)
10572	zhf700955213.h1	ank(HMM:1.1e-09)
10573	315019_1.R1040	ank(HMM:1.2e-06)
10574	42377_1.R1040	ank(HMM:1.2e-20)
10575	98958_1.R1040	ank(HMM:1.3e-06)
10576	27213_1.R1040	ank(HMM:1.3e-17)
10577	56964_1.R1040	ank(HMM:1.3e-34)
10578	112209_1.R1040	ank(HMM:1.4e-07)

10579	asn701143257.h1	ank(HMM:1.4e-13)
10580	LIB3028-009-Q1-B1-A6	ank(HMM:1.5e-09)
10581	258910_1.R1040	ank(HMM:1.5e-14)
10582	21198_1.R1040	ank(HMM:1.6e-05)
10583	249570_1.R1040	ank(HMM:1.6e-05)
10584	212569_1.R1040	ank(HMM:1.7e-06)
10585	uC-gmropic061c09b1	ank(HMM:1.8e-15)
10586	154634_1.R1040	ank(HMM:1.9e-05)
10587	290_1.R1040	ank(HMM:1.9e-48)
10588	LIB3087-005-Q1-K1-G2	ank(HMM:1e-06)
10589	154822_1.R1040	ank(HMM:2.1e-06)
10590	1833_1.R1040	ank(HMM:2.2e-22)
10591	awf700838909.h1	ank(HMM:2.3e-06)
10592	3923_1.R1040	ank(HMM:2.3e-11)
10593	uxk700672139.h1	ank(HMM:2.4e-07)
10594	1952_3.R1040	ank(HMM:2.5e-17)
10595	180315_1.R1040	ank(HMM:2.6e-35)
10596	295073_1.R1040	ank(HMM:2.8e-16)
10597	4046_1.R1040	ank(HMM:2.9e-11)
10598	185318_1.R1040	ank(HMM:2.9e-21)
10599	102151_1.R1040	ank(HMM:3.1e-41)
10600	27610_1.R1040	ank(HMM:3.4e-06)
10601	155560_2.R1040	ank(HMM:3.5e-15)
10602	192508_1.R1040	ank(HMM:3.8e-06)
10603	10902_1.R1040	ank(HMM:3.8e-08)
10604	27872_1.R1040	ank(HMM:3.9e-20)
10605	4595_1.R1040	ank(HMM:4.2e-08)
10606	LIB3109-053-Q1-K1-B5	ank(HMM:4.4e-15)
10607	28488_1.R1040	ank(HMM:4.7e-08)
10608	161435_1.R1040	ank(HMM:4.9e-25)
10609	zhf700960775.h1	ank(HMM:5.4)
10610	zsg701121545.h1	ank(HMM:5.4e-10)
10611	42557_1.R1040	ank(HMM:5e-11)
10612	LIB3107-079-Q1-K1-F6	ank(HMM:6.6e-15)
10613	152077_1.R1040	ank(HMM:6.7e-10)
10614	LIB3170-059-Q1-J1-C12	ank(HMM:6.8e-08)
10615	88515_1.R1040	ank(HMM:6.8e-19)
10616	1952_2.R1040	ank(HMM:6.8e-43)
10617	811_1.R1040	ank(HMM:6.9e-12)
10618	64539_1.R1040	ank(HMM:7.2e-11)
10619	49612_1.R1040	ank(HMM:7.8e-15)
10620	107998_1.R1040	ank(HMM:8.5e-14)
10621	rca700996114.h1	ank(HMM:8.6e-06)
10622	42804_1.R1040	ank(HMM:8.6e-07)
10623	rca700998932.h1	ank(HMM:8.7e-12)
10624	48688_1.R1040	ank(HMM:8.8e-09)
10625	2420_1.R1040	ank(HMM:8.8e-16)
10626	43163_1.R1040	ank(HMM:9.3e-14)
10627	29901_1.R1040	"ank(HMM:9.7e-08),btb(HMM:0.0079)"
10628	26379_1.R1040	ank(HMM:9e-13)
10629	sat701013533.h1	ap2-domain(HMM:0.00017)
10630	kl1701208549.h1	ap2-domain(HMM:0.00036)
10631	66501_1.R1040	ap2-domain(HMM:0.00041)

10632	192611_1.R1040	ap2-domain(HMM:0.00088)
10633	LIB3050-019-Q1-K1-B5	ap2-domain(HMM:0.0022)
10634	25945_1.R1040	ap2-domain(HMM:0.0025)
10635	jC-gmfl02220072c03a1	ap2-domain(HMM:0.0031)
10636	zhf700963839.h1	ap2-domain(HMM:0.0033)
10637	11571_2.R1040	ap2-domain(HMM:0.0042)
10638	79348_2.R1040	ap2-domain(HMM:0.0045)
10639	zpv700762317.h1	ap2-domain(HMM:0.0056)
10640	uC-gmrominsoy273c02b1	ap2-domain(HMM:0.009)
10641	1862_1.R1040	ap2-domain(HMM:0.01)
10642	296435_1.R1040	ap2-domain(HMM:0.014)
10643	47336_4.R1040	ap2-domain(HMM:0.019)
10644	38136_2.R1040	ap2-domain(HMM:0.16)
10645	hyd700731193.h1	ap2-domain(HMM:0.36)
10646	326823_1.R1040	ap2-domain(HMM:0.39)
10647	jex700904559.h1	ap2-domain(HMM:0.39)
10648	19313_2.R1040	ap2-domain(HMM:0.44)
10649	177074_1.R1040	ap2-domain(HMM:0.8)
10650	230382_1.R1040	ap2-domain(HMM:0.88)
10651	smc700749507.h1	ap2-domain(HMM:1.1)
10652	LIB3093-031-Q1-K1-D8	ap2-domain(HMM:1.1e-08)
10653	1_1.R1040	ap2-domain(HMM:1.1e-42)
10654	46661_1.R1040	ap2-domain(HMM:1.1e-42)
10655	69857_1.R1040	ap2-domain(HMM:1.2e-16)
10656	193678_1.R1040	ap2-domain(HMM:1.2e-34)
10657	LIB3050-008-Q1-E1-F7	ap2-domain(HMM:1.2e-38)
10658	195824_1.R1040	ap2-domain(HMM:1.3e-22)
10659	dpv701102158.h1	ap2-domain(HMM:1.3e-25)
10660	733_17.R1040	ap2-domain(HMM:1.3e-37)
10661	1495_1.R1040	ap2-domain(HMM:1.3e-40)
10662	19313_1.R1040	ap2-domain(HMM:1.3e-41)
10663	253_1.R1040	ap2-domain(HMM:1.4e-36)
10664	4947_1.R1040	ap2-domain(HMM:1.4e-40)
10665	LIB3139-020-P1-N1-D12	ap2-domain(HMM:1.5e-11)
10666	4575_4.R1040	ap2-domain(HMM:1.5e-27)
10667	LIB3055-004-Q1-N1-D2	ap2-domain(HMM:1.5e-28)
10668	1495_2.R1040	ap2-domain(HMM:1.5e-40)
10669	kl1701207375.h1	ap2-domain(HMM:1.6e-11)
10670	gsv701054134.h1	ap2-domain(HMM:1.7e-18)
10671	293335_1.R1040	ap2-domain(HMM:1.7e-30)
10672	18006_1.R1040	ap2-domain(HMM:1.7e-37)
10673	6007_1.R1040	ap2-domain(HMM:1.7e-62)
10674	213082_1.R1040	ap2-domain(HMM:1.8e-30)
10675	116814_1.R1040	ap2-domain(HMM:1.8e-35)
10676	50908_2.R1040	ap2-domain(HMM:1.8e-38)
10677	314831_1.R1040	ap2-domain(HMM:1.9e-06)
10678	31846_2.R1040	ap2-domain(HMM:1.9e-34)
10679	LIB3106-046-Q1-K1-E9	ap2-domain(HMM:1e-24)
10680	38136_1.R1040	"ap2-domain(HMM:1e-26),arf(HMM:0.0021),b3(HMM:1.5e-41)"
10681	65229_1.R1040	ap2-domain(HMM:2.1e-16)
10682	LIB3139-106-P1-N1-D11	ap2-domain(HMM:2.1e-29)
10683	63521_1.R1040	ap2-domain(HMM:2.1e-34)

10684	18207_1.R1040	ap2-domain(HMM:2.1e-38)
10685	207_1.R1040	ap2-domain(HMM:2.1e-38)
10686	84428_1.R1040	ap2-domain(HMM:2.1e-38)
10687	uC-gmrominsoy318d12b1	ap2-domain(HMM:2.2e-19)
10688	jC-gmst02400014h03a1	ap2-domain(HMM:2.2e-32)
10689	42548_1.R1040	ap2-domain(HMM:2.2e-39)
10690	118859_1.R1040	ap2-domain(HMM:2.3e-35)
10691	24098_1.R1040	ap2-domain(HMM:2.3e-36)
10692	4575_1.R1040	ap2-domain(HMM:2.3e-40)
10693	43102_1.R1040	ap2-domain(HMM:2.4e-29)
10694	cle700967818.h1	ap2-domain(HMM:2.5)
10695	5104_2.R1040	ap2-domain(HMM:2.5e-29)
10696	79348_1.R1040	ap2-domain(HMM:2.5e-36)
10697	15301_2.R1040	ap2-domain(HMM:2.6e-38)
10698	1_2.R1040	ap2-domain(HMM:2.6e-38)
10699	15301_1.R1040	ap2-domain(HMM:2.7e-40)
10700	jC-gmle01810054h06a1	ap2-domain(HMM:2.7e-40)
10701	125403_1.R1040	ap2-domain(HMM:2.7e-41)
10702	LIB3106-057-Q1-K1-E2	ap2-domain(HMM:2.9)
10703	197235_1.R1040	ap2-domain(HMM:2.9e-13)
10704	32848_2.R1040	ap2-domain(HMM:2e-20)
10705	224379_1.R1040	ap2-domain(HMM:2e-28)
10706	g4283446	ap2-domain(HMM:2e-30)
10707	LIB3139-034-P1-N1-E11	ap2-domain(HMM:2e-31)
10708	pxt700943089.h1	ap2-domain(HMM:3.2e-17)
10709	1600_1.R1040	ap2-domain(HMM:3.2e-40)
10710	uC-gmflminsoy063h08b1	ap2-domain(HMM:3.3)
10711	2450_14.R1040	ap2-domain(HMM:3.3e-11)
10712	34631_1.R1040	ap2-domain(HMM:3.5e-14)
10713	11571_1.R1040	ap2-domain(HMM:3.5e-24)
10714	uC-gmrominsoy223h06b1	ap2-domain(HMM:3.5e-25)
10715	117623_1.R1040	ap2-domain(HMM:3.5e-34)
10716	kli701209443.h1	ap2-domain(HMM:3.6e-33)
10717	zsg701123296.h1	ap2-domain(HMM:3.6e-39)
10718	213537_1.R1040	ap2-domain(HMM:3.7e-08)
10719	LIB3139-073-P1-N1-F5	ap2-domain(HMM:3.7e-32)
10720	42990_1.R1040	ap2-domain(HMM:3.7e-40)
10721	1495_3.R1040	ap2-domain(HMM:3.9e-39)
10722	asn701135882.h1	ap2-domain(HMM:3e-26)
10723	122505_1.R1040	ap2-domain(HMM:3e-36)
10724	286_1.R1040	ap2-domain(HMM:3e-64)
10725	147410_1.R1040	ap2-domain(HMM:4.2e-23)
10726	1409_1.R1040	ap2-domain(HMM:4.2e-33)
10727	6295_1.R1040	ap2-domain(HMM:4.2e-38)
10728	pcp700993575.h1	ap2-domain(HMM:4.3e-26)
10729	26582_1.R1040	ap2-domain(HMM:4.4e-39)
10730	2_1.R1040	ap2-domain(HMM:4.4e-39)
10731	6400_1.R1040	ap2-domain(HMM:4.5e-36)
10732	46251_1.R1040	ap2-domain(HMM:4.6e-37)
10733	asn701140084.h1	ap2-domain(HMM:4.7e-06)
10734	47336_3.R1040	ap2-domain(HMM:4.8e-16)
10735	341417_1.R1040	ap2-domain(HMM:4.8e-25)
10736	31846_1.R1040	ap2-domain(HMM:4.9e-34)
10737	jC-gmle01810085a01a1	ap2-domain(HMM:4e-31)

10738	zhf700951736.h1	ap2-domain(HMM:5.2e-38)
10739	hrw701060463.h1	ap2-domain(HMM:5.3e-34)
10740	1409_2.R1040	ap2-domain(HMM:5.4e-32)
10741	332916_1.R1040	ap2-domain(HMM:5.4e-37)
10742	110705_1.R1040	ap2-domain(HMM:5.4e-39)
10743	58134_1.R1040	ap2-domain(HMM:5.7e-21)
10744	23679_1.R1040	ap2-domain(HMM:5.9e-39)
10745	4575_3.R1040	ap2-domain(HMM:5e-20)
10746	5308_1.R1040	ap2-domain(HMM:5e-40)
10747	5308_2.R1040	ap2-domain(HMM:5e-40)
10748	gsv701053807.h1	ap2-domain(HMM:6.1e-30)
10749	46538_1.R1040	ap2-domain(HMM:6.4e-32)
10750	79938_1.R1040	ap2-domain(HMM:6.4e-37)
10751	1600_2.R1040	ap2-domain(HMM:6.5e-41)
10752	43102_2.R1040	ap2-domain(HMM:6.7e-31)
10753	2450_5.R1040	ap2-domain(HMM:6.7e-40)
10754	219031_1.R1040	ap2-domain(HMM:6.9e-18)
10755	6295_2.R1040	ap2-domain(HMM:6e-26)
10756	34051_1.R1040	ap2-domain(HMM:6e-29)
10757	jC-gmro02910014e07a1	ap2-domain(HMM:6e-32)
10758	114348_1.R1040	ap2-domain(HMM:6e-41)
10759	eep700868056.h1	ap2-domain(HMM:7.1e-05)
10760	LIB3050-020-Q1-K1-A1	ap2-domain(HMM:7.1e-40)
10761	3957_1.R1040	ap2-domain(HMM:7.1e-41)
10762	3957_2.R1040	ap2-domain(HMM:7.1e-41)
10763	1409_5.R1040	ap2-domain(HMM:7.3e-05)
10764	47336_1.R1040	ap2-domain(HMM:7.4e-62)
10765	5104_1.R1040	ap2-domain(HMM:7.5e-38)
10766	2450_11.R1040	ap2-domain(HMM:7.6e-40)
10767	rlr700896269.h1	ap2-domain(HMM:7.7e-05)
10768	zhf700954822.h1	ap2-domain(HMM:7e-11)
10769	LIB3138-082-P1-N1-G11	ap2-domain(HMM:7e-43)
10770	48528_1.R1040	ap2-domain(HMM:8.1e-05)
10771	47336_6.R1040	ap2-domain(HMM:8.1e-13)
10772	44265_1.R1040	ap2-domain(HMM:8.2e-41)
10773	15329_1.R1040	ap2-domain(HMM:8.4e-39)
10774	asn701139603.h1	ap2-domain(HMM:8.5)
10775	1489_1.R1040	ap2-domain(HMM:8.5e-41)
10776	1489_2.R1040	ap2-domain(HMM:8.5e-41)
10777	274_1.R1040	ap2-domain(HMM:8.6e-42)
10778	20672_1.R1040	ap2-domain(HMM:8.7e-20)
10779	sat701012510.h1	ap2-domain(HMM:8.7e-31)
10780	21492_1.R1040	ap2-domain(HMM:8.8e-18)
10781	270136_1.R1040	ap2-domain(HMM:8.9e-33)
10782	212_1.R1040	ap2-domain(HMM:9.1e-34)
10783	32848_1.R1040	ap2-domain(HMM:9.1e-40)
10784	6948_1.R1040	ap2-domain(HMM:9.3e-37)
10785	2450_4.R1040	ap2-domain(HMM:9.6e-40)
10786	50908_1.R1040	ap2-domain(HMM:9.9e-39)
10787	kll701209890.h1	ap2-domain(HMM:9e-38)
10788	15329_2.R1040	ap2-domain(HMM:9e-39)
10789	LIB3109-015-Q1-K1-G9	arf(HMM:0.00037)
10790	zhf700960825.h1	"arf(HMM:0.00049),b3(HMM:5e-05)"







10873	jC-gmfl02220061f06a1	38),phd(HMM:5.7e-12)"
10874	137966_1.R1040	bah(HMM:1.9e-14)
10875	23398_1.R1040	bah(HMM:2.4e-10)
10876	43673_1.R1040	bah(HMM:5.5e-23)
10877	LIB3051-009-Q1-E1-A6	bah(HMM:7.6e-23)
10878	pxt700944554.h1	bpf-1(HMM:0.0039)
10879	322857_1.R1040	bpf-1(HMM:1.5e-14)
10880	jC-gmfl02220071d10a1	bpf-1(HMM:2.2e-15)
10881	94407_1.R1040	bpf-1(HMM:2.2e-20)
10882	eep700865834.h1	bpf-1(HMM:2.3e-13)
10883	kl1701213520.h1	bpf-1(HMM:2e-16)
10884	jC-gmro02910008g09a1	bpf-1(HMM:2e-49)
10885	149339_1.R1040	bpf-1(HMM:2e-53)
10886	2577_1.R1040	bpf-1(HMM:3.2e-16)
10887	47866_1.R1040	bpf-1(HMM:3e-101)
		"bpf-1(HMM:4.8e-09),myb_dna-
		binding(HMM:0.045)"
10888	27100_1.R1040	bpf-1(HMM:5.3e-05)
10889	27754_1.R1040	bpf-1(HMM:5.6e-06)
10890	hrw701063373.h1	bpf-1(HMM:6.6e-14)
10891	26870_1.R1040	bpf-1(HMM:6.7e-06)
10892	250806_1.R1040	bromodomain(HMM:0.00042)
10893	sat701014987.h1	bromodomain(HMM:0.002)
10894	fua701039095.h1	bromodomain(HMM:0.0044)
10895	6361_1.R1040	bromodomain(HMM:0.0047)
10896	jC-gmst02400067f07d1	bromodomain(HMM:0.078)
10897	pcp700992681.h1	bromodomain(HMM:0.14)
10898	LIB3051-084-Q1-K1-H7	bromodomain(HMM:0.34)
10899	46082_1.R1040	bromodomain(HMM:1.3e-05)
10900	5611_1.R1040	bromodomain(HMM:2.2e-25)
10901	19322_1.R1040	bromodomain(HMM:2.5e-33)
10902	330421_1.R1040	bromodomain(HMM:2.8e-11)
10903	32930_1.R1040	bromodomain(HMM:2.9e-22)
10904	g4295717	bromodomain(HMM:4.5e-20)
10905	jC-gmro02800033a08a1	bromodomain(HMM:8.4)
10906	121490_1.R1040	bromodomain(HMM:9e-06)
10907	uC-gmropic106h11b1	btb(HMM:0.00057)
10908	LIB3056-012-Q1-N1-E9	btb(HMM:0.00069)
10909	2639_1.R1040	btb(HMM:0.00077)
10910	71950_1.R1040	btb(HMM:0.0016)
10911	kmv700742778.h1	btb(HMM:0.0039)
10912	15535_2.R1040	btb(HMM:0.0055)
10913	2639_3.R1040	btb(HMM:0.0075)
10914	2639_2.R1040	btb(HMM:0.039)
10915	21614_1.R1040	btb(HMM:1.1e-32)
10916	25562_2.R1040	btb(HMM:1.2)
10917	15236_2.R1040	btb(HMM:1.4e-05)
10918	uC-gmflminsoy027c07b1	btb(HMM:1.4e-06)
10919	106512_1.R1040	btb(HMM:2.3e-05)
10920	149168_1.R1040	btb(HMM:2.9e-09)
10921	16847_1.R1040	btb(HMM:2e-24)
10922	15079_1.R1040	btb(HMM:5.5e-28)
10923	25562_1.R1040	btb(HMM:7.7e-06)
10924	141566_1.R1040	btb(HMM:7.7e-10)

10925	20070_1.R1040	btb(HMM:8.3e-27)
10926	26649_1.R1040	btb(HMM:9.2e-10)
10927	24017_1.R1040	btb(HMM:9.6e-21)
10928	uC-gmrominsoy109d01b1	bzip(HMM:0.00015)
10929	110559_1.R1040	bzip(HMM:0.00069)
10930	27330_1.R1040	bzip(HMM:0.00099)
10931	19593_2.R1040	bzip(HMM:0.001)
10932	94732_1.R1040	bzip(HMM:0.0012)
10933	LIB3138-098-P1-N1-A1	bzip(HMM:0.0013)
10934	LIB3138-098-P1-N1-A10	bzip(HMM:0.0013)
10935	191779_1.R1040	bzip(HMM:0.0016)
10936	70779_1.R1040	bzip(HMM:0.0017)
10937	1411_1.R1040	bzip(HMM:0.0022)
10938	4565_3.R1040	bzip(HMM:0.0022)
10939	jC-gmro02800043g12a1	bzip(HMM:0.0022)
10940	g5606705	bzip(HMM:0.0039)
10941	70129_1.R1040	bzip(HMM:0.0047)
10942	jC-gmro02910074b08a1	bzip(HMM:0.025)
10943	192532_1.R1040	bzip(HMM:0.033)
10944	LIB3093-019-Q1-K1-A6	bzip(HMM:0.059)
10945	LIB3056-014-Q1-N1-C12	bzip(HMM:0.066)
10946	173_1.R1040	bzip(HMM:0.074)
10947	LIB3093-004-Q1-K1-E9	bzip(HMM:0.094)
10948	LIB3039-017-Q1-E1-D3	bzip(HMM:0.17)
10949	1949_2.R1040	bzip(HMM:0.22)
10950	21475_1.R1040	bzip(HMM:0.91)
10951	epx701103732.h1	bzip(HMM:1.1)
10952	19593_1.R1040	bzip(HMM:1.1e-06)
10953	leu701149088.h1	bzip(HMM:1.3)
10954	69_3.R1040	bzip(HMM:1.3e-22)
10955	27563_1.R1040	bzip(HMM:1.4e-13)
10956	g1905784_FL	bzip(HMM:1.7e-19)
10957	1210_1.R1040	bzip(HMM:1.8e-11)
10958	2271_1.R1040	bzip(HMM:1.8e-19)
10959	545_1.R1040	bzip(HMM:2.1e-21)
10960	545_2.R1040	bzip(HMM:2.1e-21)
10961	21448_1.R1040	bzip(HMM:2.2e-14)
10962	62449_1.R1040	bzip(HMM:2.3e-14)
10963	20595_1.R1040	bzip(HMM:2.3e-15)
10964	2085_2.R1040	bzip(HMM:2.3e-16)
10965	2085_1.R1040	bzip(HMM:2.6e-16)
10966	339670_1.R1040	bzip(HMM:2.9e-14)
10967	2897_1.R1040	bzip(HMM:2e-09)
10968	2271_2.R1040	bzip(HMM:3.4e-10)
10969	g4303675	bzip(HMM:3.6e-07)
10970	149_1.R1040	bzip(HMM:3.8e-11)
10971	2085_3.R1040	bzip(HMM:3.8e-14)
10972	758_5.R1040	bzip(HMM:3e-05)
10973	618_1.R1040	bzip(HMM:5.1e-07)
10974	seb700651877.h1	bzip(HMM:5.3e-11)
10975	LIB3138-011-Q1-N1-D6	bzip(HMM:5.7e-08)
10976	758_1.R1040	bzip(HMM:6.1e-17)
10977	758_2.R1040	bzip(HMM:6.1e-17)
10978	23329_1.R1040	bzip(HMM:6.2e-06)

10979	82120_1.R1040	bzip(HMM:6.5e-13)
10980	1949_1.R1040	bzip(HMM:9.1e-09)
10981	182497_1.R1040	bzip(HMM:9.1e-24)
10982	544_1.R1040	bzip(HMM:9.9e-22)
10983	23829_2.R1040	cbfd_nfyb_hmf(HMM:0.0065)
10984	12708_1.R1040	cbfd_nfyb_hmf(HMM:0.057)
10985	jC-gmro02910071g08a1	cbfd_nfyb_hmf(HMM:0.23)
10986	6HA-01-Q1-B1-F10	cbfd_nfyb_hmf(HMM:1.1e-08)
10987	3281_5.R1040	cbfd_nfyb_hmf(HMM:1.1e-29)
10988	64072_1.R1040	cbfd_nfyb_hmf(HMM:1.3e-29)
10989	zsg701125040.h1	cbfd_nfyb_hmf(HMM:1.4e-16)
10990	3281_6.R1040	cbfd_nfyb_hmf(HMM:1.6e-15)
10991	31567_2.R1040	cbfd_nfyb_hmf(HMM:1.7e-38)
10992	11427_1.R1040	cbfd_nfyb_hmf(HMM:1.8e-22)
10993	230_1.R1040	cbfd_nfyb_hmf(HMM:1.8e-22)
10994	31567_1.R1040	cbfd_nfyb_hmf(HMM:1.8e-38)
10995	381119_1.R1040	cbfd_nfyb_hmf(HMM:3.4e-21)
10996	127476_1.R1040	cbfd_nfyb_hmf(HMM:3.9e-09)
10997	14105_1.R1040	cbfd_nfyb_hmf(HMM:3e-08)
10998	24922_1.R1040	cbfd_nfyb_hmf(HMM:4.2e-21)
10999	100936_1.R1040	cbfd_nfyb_hmf(HMM:4.7e-39)
11000	gsv701043716.h1	cbfd_nfyb_hmf(HMM:4e-06)
11001	11513_2.R1040	cbfd_nfyb_hmf(HMM:5.4e-26)
11002	23829_1.R1040	cbfd_nfyb_hmf(HMM:5.5e-38)
11003	79176_1.R1040	cbfd_nfyb_hmf(HMM:5.6e-16)
11004	106291_1.R1040	cbfd_nfyb_hmf(HMM:5.7)
11005	11513_1.R1040	cbfd_nfyb_hmf(HMM:6.9e-37)
11006	31567_3.R1040	cbfd_nfyb_hmf(HMM:8.6e-19)
11007	LIB3106-112-Q1-K1-F10	cbfd_nfyb_hmf(HMM:9.5e-07)
11008	uC-gmropic065e01b1	chromo(HMM:0.00066)
11009	LIB3039-003-Q1-E1-D1	chromo(HMM:0.018)
11010	47441_1.R1040	"chromo(HMM:0.21),snf2_n(HMM:2.7e-07)"
11011	295413_1.R1040	chromo(HMM:1.1e-16)
11012	jC-gmle01810043d11d1	chromo(HMM:3.1e-09)
11013	10517_1.R1040	chromo(HMM:4e-17)
11014	vzy700756037.h1	csd(HMM:0.057)
11015	4999_1.R1040	csd(HMM:1.3e-23)
11016	LIB3106-022-Q1-K1-F7	csd(HMM:2.7e-22)
11017	82711_1.R1040	csd(HMM:2e-17)
11018	LIB3051-101-Q1-K1-H12	csd(HMM:5.9e-05)
11019	893_5.R1040	csd(HMM:6.7e-22)
11020	282180_1.R1040	dof(HMM:0.0033)
11021	208892_1.R1040	dof(HMM:0.0054)
11022	jC-gmst02400069b11a1	dof(HMM:0.0071)
11023	asn701139073.h1	dof(HMM:0.038)
11024	dvp701097023.h1	dof(HMM:0.56)
11025	gsv701046954.h1	dof(HMM:0.69)
11026	1984_1.R1040	dof(HMM:1.1e-16)
11027	sat701013157.h1	dof(HMM:1.2e-05)
11028	182948_1.R1040	dof(HMM:1.4)
11029	9004_1.R1040	dof(HMM:1.4e-35)
11030	LIB3109-022-Q1-K1-B12	dof(HMM:1.4e-35)
11031	hrw701060018.h2	dof(HMM:2.4e-07)



11086	99664_1.R1040	gata(HMM:1.1e-14)
11087	43595_1.R1040	gata(HMM:1.2e-13)
11088	ncj700984309.h1	gata(HMM:1.3)
11089	vwf700678225.h1	gata(HMM:1.6e-06)
11090	25969_2.R1040	gata(HMM:1.7e-11)
11091	rca700999496.h1	gata(HMM:2.2e-16)
11092	33174_1.R1040	gata(HMM:2.6e-09)
11093	15086_1.R1040	gata(HMM:2.9e-10)
11094	43595_3.R1040	gata(HMM:3.3e-12)
11095	27769_3.R1040	gata(HMM:3.7e-14)
11096	264_1.R1040	gata(HMM:4.4e-15)
11097	81690_1.R1040	gata(HMM:4.7e-15)
11098	27769_2.R1040	gata(HMM:4.8e-14)
11099	25969_1.R1040	gata(HMM:5.7e-16)
11100	118539_1.R1040	gata(HMM:7.5e-12)
11101	LIB3107-067-Q1-K1-B12	gata(HMM:9.1e-13)
11102	12730_2.R1040	gld-tea(HMM:0.00012)
11103	18378_1.R1040	gld-tea(HMM:0.0006)
11104	LIB3093-014-Q1-K2-G4	gld-tea(HMM:0.00087)
11105	54671_1.R1040	gld-tea(HMM:0.0014)
11106	29924_2.R1040	gld-tea(HMM:0.0043)
11107	123635_1.R1040	gld-tea(HMM:0.0059)
11108	LIB3139-043-P1-N1-G4	gld-tea(HMM:0.024)
11109	LIB3092-044-Q1-K1-A2	gld-tea(HMM:0.12)
11110	67626_2.R1040	gld-tea(HMM:0.15)
11111	pmv700894234.h1	gld-tea(HMM:0.36)
11112	jC-gmro02910051d04a1	gld-tea(HMM:0.59)
11113	jC-gmro02910037d06a1	gld-tea(HMM:0.81)
11114	64718_1.R1040	gld-tea(HMM:1.2e-26)
11115	jex700909505.h1	gld-tea(HMM:1.3e-12)
11116	166976_1.R1040	gld-tea(HMM:1.3e-41)
11117	LIB3138-033-Q1-N1-F9	gld-tea(HMM:1.4e-29)
11118	jC-gmst02400061g07a1	gld-tea(HMM:1.7e-39)
11119	117488_1.R1040	gld-tea(HMM:1.8e-37)
11120	7634_1.R1040	gld-tea(HMM:1.9e-21)
11121	116969_1.R1040	gld-tea(HMM:1e-09)
11122	29924_1.R1040	gld-tea(HMM:2.1e-30)
11123	smc700748756.h1	gld-tea(HMM:2.2e-32)
11124	148015_1.R1040	gld-tea(HMM:2.3e-28)
11125	33791_1.R1040	gld-tea(HMM:2.3e-33)
11126	33791_2.R1040	gld-tea(HMM:2.3e-33)
11127	jC-gmro02800038h07a1	gld-tea(HMM:2.4e-19)
11128	70088_1.R1040	gld-tea(HMM:2.9e-25)
11129	taw700657234.h1	gld-tea(HMM:2e-31)
11130	sat701008362.h1	gld-tea(HMM:3.2e-17)
11131	rlr700895420.h1	gld-tea(HMM:3.4e-09)
11132	uaw700661263.h1	gld-tea(HMM:3.6e-06)
11133	68701_1.R1040	"gld-tea(HMM:3.9e-12),response_reg(HMM:0.00012)
		"
11134	LIB3139-043-P1-N1-G10	gld-tea(HMM:4.7e-38)
11135	12730_1.R1040	gld-tea(HMM:5.1e-25)
11136	LIB3028-002-Q1-B1-G9	gld-tea(HMM:5.2e-05)
11137	jC-gmle01810092f09a1	gld-tea(HMM:5.2e-42)

113353\_1.R1040  
4310\_1.R1040  
67626\_1.R1040  
uxk700667772.h1  
xpa700795271.h1  
29924\_3.R1040  
160524\_1.R1040  
pcp700988978.h1  
136307\_1.R1040  
4163\_1.R1040  
pmv700894372.h1  
142885\_1.R1040  
LIB3170-025-Q1-J1-C9  
pxt700945181.h1  
148877\_1.R1040  
153326\_1.R1040  
122767\_1.R1040  
124846\_1.R1040  
62823\_1.R1040  
LIB3107-041-Q1-K1-G12  
bth700849273.h1  
172173\_1.R1040  
zhf700964981.h1  
147499\_1.R1040  
fde700872990.h1  
163733\_1.R1040  
g5687823  
163733\_2.R1040  
LIB3138-035-Q1-N1-A7  
3069\_1.R1040  
235134\_1.R1040  
LIB3039-023-Q1-E1-D9  
g5688045  
LIB3040-017-Q1-E1-C5  
LIB3049-043-Q1-E1-G8  
asn701136208.h1  
LIB3170-005-Q1-K1-C11  
LIB3051-040-Q1-K1-A1  
LIB3040-009-Q1-E1-E8  
LIB3170-009-Q2-K1-H1  
LIB3049-016-Q1-E1-F3  
LIB3092-022-Q1-K1-E10  
5245\_1.R1040  
LIB3170-032-Q1-K1-A8  
hyd700728637.h1  
LIB3049-054-Q1-E1-D7  
LIB3040-041-Q1-E1-E10  
1793\_18.R1040  
LIB3039-046-Q1-E1-C12  
LIB3039-015-Q1-E1-B9  
jsh701064263.h1  
9139\_3.R1040  
3239\_1.R1040  
3239\_2.R1040

gld-tea(HMM:5.3e-36)  
gld-tea(HMM:6.4e-26)  
gld-tea(HMM:6.7e-31)  
gld-tea(HMM:6.8e-28)  
gld-tea(HMM:7.4e-20)  
gld-tea(HMM:8.2e-10)  
gld-tea(HMM:8.3e-38)  
hhh(HMM:0.0037)  
hhh(HMM:1e-07)  
hhh(HMM:2.1e-05)  
hist\_deacetyl(HMM:0.0034)  
hist\_deacetyl(HMM:0.018)  
hist\_deacetyl(HMM:0.096)  
hist\_deacetyl(HMM:1.6e-15)  
hist\_deacetyl(HMM:2.1e-05)  
hist\_deacetyl(HMM:2.1e-05)  
hist\_deacetyl(HMM:2.1e-13)  
hist\_deacetyl(HMM:2.2e-23)  
hist\_deacetyl(HMM:2.3e-07)  
hist\_deacetyl(HMM:2.5e-15)  
hist\_deacetyl(HMM:3.3e-11)  
hist\_deacetyl(HMM:4.5e-28)  
hist\_deacetyl(HMM:4.8e-20)  
hist\_deacetyl(HMM:5.3e-05)  
hist\_deacetyl(HMM:5.5e-24)  
hist\_deacetyl(HMM:6.3e-06)  
hist\_deacetyl(HMM:6.3e-08)  
hist\_deacetyl(HMM:8.4e-07)  
hist\_deacetyl(HMM:8.5e-28)  
hist\_deacetyl(HMM:8.8e-104)  
hist\_deacetyl(HMM:9.4e-18)  
histone(HMM:0.00014)  
histone(HMM:0.0005)  
histone(HMM:0.0006)  
histone(HMM:0.00064)  
histone(HMM:0.0007)  
histone(HMM:0.0023)  
histone(HMM:0.0078)  
histone(HMM:0.021)  
histone(HMM:0.069)  
histone(HMM:0.087)  
histone(HMM:0.09)  
histone(HMM:0.14)  
histone(HMM:0.16)  
histone(HMM:0.19)  
histone(HMM:0.2)  
histone(HMM:0.38)  
histone(HMM:0.53)  
histone(HMM:0.7)  
histone(HMM:1.1e-06)  
histone(HMM:1.1e-06)  
histone(HMM:1.1e-29)  
histone(HMM:1.1e-51)  
histone(HMM:1.1e-51)

11192	LIB3053-009-Q1-N1-B6	histone(HMM:1.2)
11193	LIB3049-030-Q1-E1-E8	histone(HMM:1.2e-12)
11194	LIB3050-004-Q1-E1-A7	histone(HMM:1.2e-12)
11195	1313_4.R1040	histone(HMM:1.2e-14)
11196	7776_2.R1040	histone(HMM:1.2e-28)
11197	8806_1.R1040	histone(HMM:1.2e-43)
11198	5384_1.R1040	histone(HMM:1.2e-48)
11199	5384_4.R1040	histone(HMM:1.2e-48)
11200	5384_6.R1040	histone(HMM:1.2e-48)
11201	3239_3.R1040	histone(HMM:1.2e-50)
11202	3239_4.R1040	histone(HMM:1.2e-50)
11203	LIB3093-050-Q1-K1-G7	histone(HMM:1.3)
11204	LIB3106-049-Q1-K1-H12	histone(HMM:1.3)
11205	jsh701064730.h1	histone(HMM:1.3e-14)
11206	11868_2.R1040	histone(HMM:1.3e-31)
11207	LIB3073-018-Q1-K1-G7	histone(HMM:1.4e-10)
11208	5384_12.R1040	histone(HMM:1.4e-15)
11209	pcp700994709.h1	histone(HMM:1.5e-22)
11210	wrg700787362.h2	histone(HMM:1.6e-05)
11211	uC-gmropic007g05b1	histone(HMM:1.6e-07)
11212	11868_3.R1040	histone(HMM:1.6e-16)
11213	9139_2.R1040	histone(HMM:1.6e-46)
11214	1793_10.R1040	histone(HMM:1.7e-06)
11215	LIB3139-105-P1-N1-E2	histone(HMM:1.7e-07)
11216	jC-gmro02910067f08d1	histone(HMM:1.7e-07)
11217	9050_4.R1040	histone(HMM:1.7e-09)
11218	LIB3051-015-Q1-E1-H7	histone(HMM:1.7e-09)
11219	kl1701212261.h1	histone(HMM:1.7e-09)
11220	LIB3028-015-Q1-B1-D2	histone(HMM:1.7e-10)
11221	gsv701050604.h1	histone(HMM:1.7e-11)
11222	txt700732039.h1	histone(HMM:1.7e-11)
11223	kl1701213472.h1	histone(HMM:1.7e-17)
11224	LIB3051-041-Q1-K1-D12	histone(HMM:1.8e-06)
11225	3239_5.R1040	histone(HMM:1.8e-49)
11226	4964_2.R1040	histone(HMM:1.9e-05)
11227	1793_12.R1040	histone(HMM:1.9e-18)
11228	1793_15.R1040	histone(HMM:1.9e-18)
11229	1793_16.R1040	histone(HMM:1.9e-18)
11230	1793_5.R1040	histone(HMM:1.9e-18)
11231	1793_8.R1040	histone(HMM:1.9e-18)
11232	2548_2.R1040	histone(HMM:1.9e-18)
11233	2548_3.R1040	histone(HMM:1.9e-18)
11234	2548_4.R1040	histone(HMM:1.9e-18)
11235	2548_5.R1040	histone(HMM:1.9e-18)
11236	2548_6.R1040	histone(HMM:1.9e-18)
11237	4848_1.R1040	histone(HMM:1.9e-18)
11238	4921_1.R1040	histone(HMM:1.9e-18)
11239	8645_1.R1040	histone(HMM:1.9e-18)
11240	uC-gmflminsoy022h10b1	histone(HMM:1.9e-18)
11241	1313_5.R1040	histone(HMM:1e-26)
11242	1612_1.R1040	histone(HMM:1e-49)
11243	8958_2.R1040	histone(HMM:1e-49)
11244	LIB3170-009-Q1-J1-D10	histone(HMM:2.1e-12)
11245	9050_1.R1040	histone(HMM:2.2e-50)



11246	9050_2.R1040	histone(HMM:2.2e-50)
11247	9050_3.R1040	histone(HMM:2.2e-50)
11248	rlr700899371.h1	histone(HMM:2.4e-06)
11249	6716_1.R1040	histone(HMM:2.4e-46)
11250	6716_2.R1040	histone(HMM:2.4e-46)
11251	vwf700677817.h1	histone(HMM:2.5)
11252	58724_1.R1040	histone(HMM:2.5e-43)
11253	18710_1.R1040	histone(HMM:2.5e-46)
11254	11755_1.R1040	histone(HMM:2.6e-50)
11255	gsv701051953.h1	histone(HMM:2.7e-13)
11256	LIB3028-007-Q1-B1-A9	histone(HMM:2.7e-17)
11257	1793_27.R1040	histone(HMM:2.8e-05)
11258	5384_8.R1040	histone(HMM:2.8e-44)
11259	epx701108441.h1	histone(HMM:2.9)
11260	2548_8.R1040	histone(HMM:2.9e-17)
11261	LIB3106-102-Q1-K1-E11	histone(HMM:2e-18)
11262	LIB3106-075-Q1-K1-B12	histone(HMM:3.1e-05)
11263	vzy700754394.h1	histone(HMM:3.1e-05)
11264	leu701157093.h1	histone(HMM:3.1e-07)
11265	1793_22.R1040	histone(HMM:3.1e-11)
11266	wrg700790495.h2	histone(HMM:3.1e-13)
11267	wvk700680989.h1	histone(HMM:3.1e-14)
11268	LIB3040-033-Q1-E1-F4	histone(HMM:3.1e-15)
11269	5384_5.R1040	histone(HMM:3.1e-48)
11270	LIB3167-017-P1-K1-F4	histone(HMM:3.2e-08)
11271	hrw701060684.h1	histone(HMM:3.2e-09)
11272	8806_2.R1040	histone(HMM:3.2e-26)
11273	132993_1.R1040	histone(HMM:3.2e-44)
11274	1530_1.R1040	histone(HMM:3.3e-44)
11275	epx701107296.h1	histone(HMM:3.5e-13)
11276	LIB3170-002-Q1-J1-G8	histone(HMM:3.6e-08)
11277	zhf700960431.h1	histone(HMM:3.6e-09)
11278	LIB3049-050-Q1-E1-F5	histone(HMM:3.7e-12)
11279	LIB3138-081-P1-N1-B7	histone(HMM:3.8e-19)
11280	rca700997386.h1	histone(HMM:3.9e-09)
11281	LIB3040-035-Q1-E1-G9	histone(HMM:4.1e-07)
11282	sat701009174.h1	histone(HMM:4.2e-15)
11283	hyd700729859.h1	histone(HMM:4.4e-15)
11284	1830_2.R1040	histone(HMM:4.5e-09)
11285	ncj700977983.h1	histone(HMM:4.6e-08)
11286	rlr700898354.h1	histone(HMM:4.8)
11287	LIB3170-016-Q1-K1-C5	histone(HMM:4.9e-08)
11288	LIB3049-005-Q1-E1-E10	histone(HMM:4e-19)
11289	1830_1.R1040	histone(HMM:4e-44)
11290	21297_1.R1040	histone(HMM:5.2e-42)
11291	LIB3073-002-Q1-K1-G3	histone(HMM:5e-09)
11292	LIB3170-022-Q1-K1-C9	histone(HMM:5e-10)
11293	vzy700756334.h1	histone(HMM:6.1e-23)
11294	LIB3106-074-Q1-K1-C2	histone(HMM:6.2e-26)
11295	11868_1.R1040	histone(HMM:6.3e-44)
11296	5384_2.R1040	histone(HMM:6.4e-49)
11297	5384_7.R1040	histone(HMM:6.4e-49)
11298	1313_3.R1040	histone(HMM:6.5e-23)
11299	8958_1.R1040	histone(HMM:6.5e-50)

11300	2548_7.R1040	histone(HMM:6.8e-18)
11301	5384_11.R1040	histone(HMM:6e-25)
11302	LIB3170-017-Q1-K1-H8	histone(HMM:7.2e-13)
11303	6716_3.R1040	histone(HMM:7.4e-05)
11304	LIB3106-096-Q1-K1-A12	histone(HMM:7.4e-20)
11305	uC-gmronoir012b07b1	histone(HMM:7.5e-47)
11306	LIB3049-001-Q1-E1-C6	histone(HMM:7.6)
11307	12750_1.R1040	histone(HMM:7.6e-17)
11308	LIB3039-034-Q1-E1-H5	histone(HMM:7.7e-05)
11309	LIB3040-010-Q1-E1-B10	histone(HMM:7.7e-05)
11310	5384_3.R1040	histone(HMM:7.8e-48)
11311	8158_1.R1040	histone(HMM:7.9e-47)
11312	4964_1.R1040	histone(HMM:8.2e-47)
11313	7776_1.R1040	histone(HMM:8.2e-47)
11314	8093_1.R1040	histone(HMM:8.2e-47)
11315	9139_1.R1040	histone(HMM:8.2e-47)
11316	jsh701067133.h1	histone(HMM:8.4e-14)
11317	hyd700726644.h1	histone(HMM:8.9e-10)
11318	LIB3107-078-Q1-K1-F5	histone(HMM:9.2e-05)
11319	323923_1.R1040	histone(HMM:9.2e-14)
11320	5384_10.R1040	histone(HMM:9.4e-18)
11321	wrg700786094.h2	histone(HMM:9.6e-05)
11322	LIB3170-033-Q1-K1-F2	histone(HMM:9.9e-05)
11323	taw700657519.h1	hlh(HMM:0.0001)
11324	21857_1.R1040	hlh(HMM:0.00022)
11325	rlr700898156.h1	hlh(HMM:0.00023)
11326	12255_3.R1040	hlh(HMM:0.00035)
11327	gsv701056674.h1	hlh(HMM:0.0011)
11328	LIB3029-011-Q1-B1-G3	hlh(HMM:0.0014)
11329	148437_1.R1040	hlh(HMM:0.0015)
11330	g5666744	hlh(HMM:0.0036)
11331	110458_1.R1040	hlh(HMM:0.0059)
11332	2379_1.R1040	hlh(HMM:0.0073)
11333	ncj700981519.h1	hlh(HMM:0.02)
11334	fC-gmle700555621f3	hlh(HMM:0.027)
11335	uC-gmropic025b06b1	hlh(HMM:0.03)
11336	232062_1.R1040	hlh(HMM:0.043)
11337	179143_1.R1040	hlh(HMM:0.046)
11338	LIB3087-005-Q1-K1-E9	hlh(HMM:0.054)
11339	80988_1.R1040	hlh(HMM:0.066)
11340	116902_1.R1040	hlh(HMM:0.071)
11341	2379_2.R1040	hlh(HMM:0.095)
11342	112331_1.R1040	hlh(HMM:0.11)
11343	75406_1.R1040	hlh(HMM:0.17)
11344	116902_2.R1040	hlh(HMM:0.35)
11345	68494_1.R1040	hlh(HMM:1.2e-08)
11346	jsh701065109.h1	hlh(HMM:1.3e-09)
11347	680_1.R1040	hlh(HMM:1.3e-14)
11348	150715_1.R1040	hlh(HMM:1.5e-10)
11349	119719_1.R1040	hlh(HMM:1.7e-15)
11350	118083_1.R1040	hlh(HMM:1.8e-08)
11351	4335_1.R1040	hlh(HMM:1.8e-10)
11352	21084_1.R1040	hlh(HMM:1.9e-13)
11353	5755_1.R1040	hlh(HMM:2.2)

11354	138767_1.R1040	hlh(HMM:2.2e-10)
11355	249237_1.R1040	hlh(HMM:2.5e-09)
11356	g5058300	hlh(HMM:2.5e-09)
11357	114950_1.R1040	hlh(HMM:2.5e-12)
11358	9818_1.R1040	hlh(HMM:2.6e-05)
11359	66406_1.R1040	hlh(HMM:2.6e-09)
11360	19262_1.R1040	hlh(HMM:2.8e-13)
11361	149817_1.R1040	hlh(HMM:3.8e-06)
11362	77385_1.R1040	hlh(HMM:3.8e-10)
11363	16111_1.R1040	hlh(HMM:3.9e-08)
11364	82903_1.R1040	hlh(HMM:4.1e-09)
11365	2169_1.R1040	hlh(HMM:4.2e-12)
11366	2169_3.R1040	hlh(HMM:4.2e-12)
11367	jC-gmfl02220102f12a1	hlh(HMM:4.2e-12)
11368	19262_2.R1040	hlh(HMM:4.2e-13)
11369	12143_1.R1040	hlh(HMM:4.3e-10)
11370	29402_1.R1040	hlh(HMM:4.5e-09)
11371	50777_1.R1040	hlh(HMM:4.5e-14)
11372	59673_1.R1040	hlh(HMM:4.7e-07)
11373	57030_1.R1040	hlh(HMM:4.8e-15)
11374	48067_1.R1040	hlh(HMM:4e-09)
11375	87706_1.R1040	hlh(HMM:4e-10)
11376	238638_1.R1040	hlh(HMM:4e-13)
11377	LIB3106-032-Q1-K1-B6	hlh(HMM:5.3e-12)
11378	jC-gmfl02220081h06a1	hlh(HMM:6.4e-07)
11379	12255_2.R1040	hlh(HMM:6.6e-05)
11380	30853_1.R1040	hlh(HMM:7.8e-11)
11381	46911_2.R1040	hlh(HMM:8.4e-07)
11382	172245_1.R1040	hlh(HMM:8.5e-11)
11383	1135_1.R1040	hlh(HMM:9.6e-06)
11384	46923_1.R1040	hlh(HMM:9.7e-05)
11385	41959_1.R1040	hlh(HMM:9e-05)
11386	189248_1.R1040	hlh(HMM:9e-08)
11387	227452_1.R1040	hlh_e2f(0.0009)
11388	49549_1.R1040	hlh_e2f(8.2e-11)
11389	33047_1.R1040	hlh_e2f(8.3e-13)
11390	3777_1.R1040	hlh_e2f(8.7e-13)
11391	gsv701046730.h1	hmg_box(HMM:0.00011)
11392	LIB3039-005-Q1-E1-C6	hmg_box(HMM:0.00033)
11393	LIB3170-085-Q1-K1-E4	hmg_box(HMM:0.001)
11394	LIB3092-004-Q1-K1-B5	hmg_box(HMM:0.0041)
11395	pxt700943934.h1	hmg_box(HMM:0.013)
11396	380_4.R1040	hmg_box(HMM:0.034)
11397	LIB3049-042-Q1-E1-D6	hmg_box(HMM:0.072)
11398	fde700873131.h1	hmg_box(HMM:0.27)
11399	LIB3040-049-Q1-E1-C1	hmg_box(HMM:0.39)
11400	LIB3040-034-Q1-E1-A2	hmg_box(HMM:0.61)
11401	LIB3049-007-Q1-E1-D4	hmg_box(HMM:0.94)
11402	ssr700559324.h1	hmg_box(HMM:1.2e-34)
11403	36191_1.R1040	hmg_box(HMM:1.3e-20)
11404	kl1701210145.h1	hmg_box(HMM:1.4e-05)
11405	380_1.R1040	hmg_box(HMM:1.4e-29)
11406	fua701040918.h1	hmg_box(HMM:1.8e-08)
11407	4101_1.R1040	hmg_box(HMM:2.2e-26)

11408	zsg701129793.h1	hmg_box(HMM:2.3)
11409	90385_1.R1040	hmg_box(HMM:2.4e-31)
11410	LIB3039-016-Q1-E1-A3	hmg_box(HMM:2.5e-11)
11411	LIB3106-038-Q1-K1-C6	hmg_box(HMM:2.5e-13)
11412	g5753699	hmg_box(HMM:2e-30)
11413	zhf700952013.h1	hmg_box(HMM:3.3e-11)
11414	LIB3051-063-Q1-K1-B11	hmg_box(HMM:3.4e-25)
11415	4802_1.R1040	hmg_box(HMM:3.4e-31)
11416	14608_2.R1040	hmg_box(HMM:3.8e-17)
11417	16850_1.R1040	hmg_box(HMM:3.9e-29)
11418	jC-gmro02910041076a1	hmg_box(HMM:4.8e-22)
11419	14608_1.R1040	hmg_box(HMM:5.2e-31)
11420	4802_2.R1040	hmg_box(HMM:5.9e-21)
11421	LIB3167-027-P1-K1-C1	hmg_box(HMM:6.4e-22)
11422	380_3.R1040	hmg_box(HMM:6.5e-24)
11423	wvk700681408.h2	hmg_box(HMM:7.3)
11424	LIB3040-017-Q1-E1-G12	hmg_box(HMM:7.6)
11425	zsg701122328.h1	hmg_box(HMM:8.2e-07)
11426	LIB3138-069-P1-N1-G10	hmg_box(HMM:8.3e-12)
11427	LIB3087-001-Q1-K1-E10	hmg_box(HMM:9e-14)
11428	kl1701212376.h1	homeobox(HMM:0.0003)
11429	556_1.R1040	"homeobox(HMM:0.00041),homeobox_knox3(1.5e-34)"
11430	5787_1.R1040	"homeobox(HMM:0.0006),homeobox_knox3(1.5e-10)"
11431	sat701013785.h1	"homeobox(HMM:0.00064),homeobox_knox3(8.4e-06)"
11432	67987_1.R1040	"homeobox(HMM:0.0035),homeobox_knox3(4.0e-37)"
11433	31791_1.R1040	"homeobox(HMM:0.0044),homeobox_knox3(1.4e-20),homeobox_mat(0.0010)"
11434	220535_1.R1040	"homeobox(HMM:0.0061),homeobox_knox3(2.2e-12)"
11435	556_2.R1040	"homeobox(HMM:0.0065),homeobox_knox3(1.5e-30)"
11436	63316_1.R1040	"homeobox(HMM:0.0076),homeobox_knox3(9.8e-13)"
11437	46255_1.R1040	"homeobox(HMM:0.0079),homeobox_knox3(9.5e-11)"
11438	20275_1.R1040	"homeobox(HMM:0.0087),homeobox_knox3(5.4e-12),homeobox_mat(0.0009)"
11439	235281_1.R1040	"homeobox(HMM:0.014),homeobox_knox3(4.8e-35)"
11440	7598_1.R1040	"homeobox(HMM:0.018),homeobox_knox3(1.1e-22)"
11441	62496_1.R1040	"homeobox(HMM:0.02),homeobox_knox3(5.6e-12)"
11442	19335_1.R1040	"homeobox(HMM:0.025),homeobox_knox3(3.7e-22)"
11443	33403_1.R1040	"homeobox(HMM:0.027),homeobox_knox3(7.7e-26)"
11444	2593_1.R1040	"homeobox(HMM:0.037),homeobox_knox3(1.1e-11)"

11445	46255_4.R1040	box_knox3(3.7e-12)"
11446	jC-gmro02910047g01a1	"homeobox(HMM:0.044),homeo
11447	129751_1.R1040	box_knox3(1.4e-10)"
11448	7598_4.R1040	homeobox(HMM:0.092)
11449	jC-gmro02800034b10a1	"homeobox(HMM:0.12),homeob
11450	138756_1.R1040	ox_knox3(3.5e-09)"
11451	47849_1.R1040	"homeobox(HMM:0.2),homeobo
11452	237426_1.R1040	x_knox3(5.7e-19)"
11453	13906_1.R1040	"homeobox(HMM:0.24),homeob
11454	185679_1.R1040	ox_knox3(9.6e-19)"
11455	263611_1.R1040	homeobox(HMM:1)
11456	354264_1.R1040	homeobox(HMM:1.1e-20)
11457	7481_1.R1040	homeobox(HMM:1.2)
11458	jC-gmle01810073f02d1	homeobox(HMM:1.2e-18)
11459	75839_1.R1040	homeobox(HMM:1.2e-18)
11460	47852_1.R1040	homeobox(HMM:1.3e-12)
11461	2297_1.R1040	homeobox(HMM:1.4e-15)
11462	LIB3093-015-Q1-K1-A9	homeobox(HMM:1.5e-19)
11463	LIB3138-021-Q1-N1-B8	"homeobox(HMM:1.7e-06),homeobox_knox3(1.4e-34)"
11464	101833_1.R1040	"homeobox(HMM:1.9),homeobo
11465	733_21.R1040	x_knox3(4.2e-09)"
11466	126778_1.R1040	"homeobox(HMM:1.9e-08),phd(HMM:2.7e-12)"
11467	120026_1.R1040	homeobox(HMM:1e-19)
11468	LIB3139-040-P1-N1-D1	homeobox(HMM:1e-19)
11469	27738_1.R1040	homeobox(HMM:1e-19)
11470	2873_1.R1040	homeobox(HMM:2.1)
11471	LIB3138-093-Q1-N1-H6	homeobox(HMM:2.1e-17)
11472	84555_1.R1040	homeobox(HMM:2.3e-15)
11473	LIB3051-078-Q1-K1-G11	homeobox(HMM:2.4e-05)
11474	464_1.R1040	homeobox(HMM:2.4e-19)
11475	6029_2.R1040	homeobox(HMM:2.9e-15)
11476	49928_1.R1040	homeobox(HMM:2.9e-15)
11477	10491_1.R1040	homeobox(HMM:3.2e-19)
11478	464_2.R1040	homeobox(HMM:3.2e-19)
11479	jC-gmst02400054h07a1	homeobox(HMM:3.4e-05),homeobox_knox3(7.6e-32)"
11480	asn701136723.h1	homeobox(HMM:3.5e-16)
11481	2297_2.R1040	homeobox(HMM:3.6e-17)
11482	81815_1.R1040	homeobox(HMM:3.7e-10)
11483	jC-gmro02910022c12d1	homeobox(HMM:3.7e-15)
11484	78625_1.R1040	homeobox(HMM:3.9e-18)
11485	23796_1.R1040	homeobox(HMM:4.2e-12)
11486	kl1701205621.h1	homeobox(HMM:4.7e-16)
11487	zhf700957441.h1	homeobox(HMM:4.9e-19)
11488	19335_2.R1040	homeobox(HMM:5.6e-19)
11489	384_3.R1040	homeobox(HMM:6.7)
		homeobox(HMM:6.8e-16)
		homeobox(HMM:6.9e-20)
		homeobox(HMM:9.2e-18)
		homeobox(HMM:9.6e-06)
		homeobox_knox3(5.7e-09)
		homeobox_knox3(8.7e-10)
		hsf dna-bind(HMM:0.0028)

11490	78395_1.R1040	hsf_dna-bind(HMM:0.034)
11491	209926_1.R1040	hsf_dna-bind(HMM:0.65)
11492	70195_1.R1040	hsf_dna-bind(HMM:1.1e-52)
11493	122_4.R1040	hsf_dna-bind(HMM:1.1e-60)
11494	13936_1.R1040	hsf_dna-bind(HMM:1.2e-12)
11495	387_2.R1040	hsf_dna-bind(HMM:1.2e-48)
11496	383_1.R1040	hsf_dna-bind(HMM:1.2e-83)
11497	76611_1.R1040	hsf_dna-bind(HMM:1.3e-07)
11498	384_1.R1040	hsf_dna-bind(HMM:1.3e-57)
11499	6560_1.R1040	hsf_dna-bind(HMM:1.4e-41)
11500	65098_1.R1040	hsf_dna-bind(HMM:1.5e-53)
11501	122_2.R1040	hsf_dna-bind(HMM:1.5e-58)
11502	jC-gmro02910062b09a1	hsf_dna-bind(HMM:1.6e-06)
11503	70195_2.R1040	hsf_dna-bind(HMM:1.7e-08)
11504	44666_2.R1040	hsf_dna-bind(HMM:2.1e-09)
11505	122_6.R1040	hsf_dna-bind(HMM:2.2)
11506	387_3.R1040	hsf_dna-bind(HMM:2.3)
11507	385_1.R1040	hsf_dna-bind(HMM:2.4e-61)
11508	181_1.R1040	hsf_dna-bind(HMM:2.5e-05)
11509	385_2.R1040	hsf_dna-bind(HMM:2.9e-23)
11510	50067_1.R1040	hsf_dna-bind(HMM:2.9e-57)
11511	387_1.R1040	hsf_dna-bind(HMM:2.9e-66)
11512	6290_1.R1040	hsf_dna-bind(HMM:2e-28)
11513	384_2.R1040	hsf_dna-bind(HMM:3.2e-46)
11514	LIB3028-031-Q1-B1-F2	hsf_dna-bind(HMM:3.4e-21)
11515	LIB3138-126-Q1-N1-A1	hsf_dna-bind(HMM:3.5e-53)
11516	230085_1.R1040	hsf_dna-bind(HMM:3e-12)
11517	13936_2.R1040	hsf_dna-bind(HMM:4.2e-57)
11518	jC-gmro02910071a08a1	hsf_dna-bind(HMM:4.4e-07)
11519	hrw701060607.h1	hsf_dna-bind(HMM:4.5)
11520	LIB3139-119-P1-N1-A12	hsf_dna-bind(HMM:4.5e-09)
11521	jC-gmro02910072h09a1	hsf_dna-bind(HMM:4.7e-07)
11522	LIB3065-001-Q1-N1-A6	hsf_dna-bind(HMM:4.8)
11523	35655_1.R1040	hsf_dna-bind(HMM:5.1e-65)
11524	fde700872947.h1	hsf_dna-bind(HMM:5.4e-08)
11525	122311_1.R1040	hsf_dna-bind(HMM:5.7e-51)
11526	102601_1.R1040	hsf_dna-bind(HMM:5.8e-83)
11527	46527_1.R1040	hsf_dna-bind(HMM:7e-93)
11528	fC-gmse700669003k1	hsf_dna-bind(HMM:8.1e-09)
11529	25839_1.R1040	hsf_dna-bind(HMM:8.5e-64)
11530	44666_1.R1040	hsf_dna-bind(HMM:8.6e-66)
11531	uC-gmrominsoy141a08b1	iaa(HMM:0.00014)
11532	147803_1.R1040	iaa(HMM:0.00016)
11533	g4292511	iaa(HMM:0.00022)
11534	fua701037510.h1	iaa(HMM:0.00078)
11535	LIB3106-020-Q1-K1-C10	iaa(HMM:0.00079)
11536	294291_1.R1040	iaa(HMM:0.0009)
11537	212057_1.R1040	iaa(HMM:0.0015)
11538	75638_1.R1040	iaa(HMM:0.0032)
11539	uC-gmrominsoy172d07b1	iaa(HMM:0.011)
11540	165120_1.R1040	iaa(HMM:0.012)
11541	20391_1.R1040	iaa(HMM:0.018)
11542	asn701137240.h1	iaa(HMM:0.045)
11543	jC-gmfl02220104d07d1	iaa(HMM:0.066)

11544	jC-gmle01810061b03a1	iaa(HMM:0.07)
11545	29338_1.R1040	iaa(HMM:0.75)
11546	86291_1.R1040	iaa(HMM:0.84)
11547	522_2.R1040	iaa(HMM:1.1e-09)
11548	seb700652780.h1	iaa(HMM:1.1e-17)
11549	108315_1.R1040	iaa(HMM:1.3e-44)
11550	523_2.R1040	iaa(HMM:1.3e-45)
11551	LIB3028-029-Q1-B1-H9	iaa(HMM:1.5e-14)
11552	ary700764411.h1	iaa(HMM:1.6e-12)
11553	32706_2.R1040	iaa(HMM:1.7)
11554	kl1701207169.h1	iaa(HMM:1.8)
11555	522_1.R1040	iaa(HMM:1.9e-56)
11556	31282_1.R1040	iaa(HMM:1e-35)
11557	19644_2.R1040	iaa(HMM:1e-49)
11558	333749_1.R1040	iaa(HMM:2.1e-33)
11559	2704_1.R1040	iaa(HMM:2.3e-35)
11560	108840_1.R1040	iaa(HMM:2.3e-56)
11561	2769_2.R1040	iaa(HMM:2.3e-64)
11562	LIB3109-035-Q1-K2-E6	iaa(HMM:2.4e-09)
11563	2131_1.R1040	iaa(HMM:2.4e-67)
11564	32706_1.R1040	iaa(HMM:2.5e-06)
11565	169896_1.R1040	iaa(HMM:2.5e-08)
11566	12357_1.R1040	iaa(HMM:2.5e-49)
11567	2131_3.R1040	iaa(HMM:2.6e-65)
11568	117021_1.R1040	iaa(HMM:2.8e-20)
11569	LIB3087-002-Q1-K1-D9	iaa(HMM:2.9e-28)
11570	109467_1.R1040	iaa(HMM:2.9e-29)
11571	523_1.R1040	iaa(HMM:2.9e-68)
11572	jex700908337.h1	iaa(HMM:2e-05)
11573	4055_2.R1040	iaa(HMM:2e-06)
11574	LIB3092-021-Q1-K1-A11	iaa(HMM:2e-08)
11575	23694_1.R1040	iaa(HMM:3.3e-34)
11576	636_2.R1040	iaa(HMM:3.3e-56)
11577	pmv700891856.h1	iaa(HMM:3.5e-07)
11578	2131_2.R1040	iaa(HMM:3.5e-62)
11579	15272_1.R1040	iaa(HMM:3.6e-61)
11580	788_2.R1040	iaa(HMM:3.7e-57)
11581	jC-gmfl02220097f03a1	iaa(HMM:4.2e-11)
11582	uaw700665388.h1	iaa(HMM:4.5e-20)
11583	hrw701060413.h1	iaa(HMM:4.7e-07)
11584	162054_1.R1040	iaa(HMM:4.7e-22)
11585	788_1.R1040	iaa(HMM:4.7e-48)
11586	14925_1.R1040	iaa(HMM:4e-32)
11587	303157_1.R1040	iaa(HMM:5.2e-18)
11588	636_1.R1040	iaa(HMM:5.5e-67)
11589	65621_2.R1040	iaa(HMM:5.7e-06)
11590	uC-gmronoir013c01b1	iaa(HMM:6.3e-20)
11591	6HA-01-Q1-E1-B3	iaa(HMM:6.4)
11592	zhf700959213.h1	iaa(HMM:6.8e-08)
11593	uC-gmrominsoyl41d12b1	iaa(HMM:7.5)
11594	2769_1.R1040	iaa(HMM:7.8e-25)
11595	pmv700888893.h1	iaa(HMM:8.1)
11596	636_3.R1040	iaa(HMM:8.6e-66)
11597	20122_1.R1040	iaa(HMM:8.8e-12)

11598	zsg701124726.h1	iaa(HMM:8.9e-05)
11599	523_3.R1040	iaa(HMM:9.2e-11)
11600	4055_1.R1040	iaa(HMM:9.6e-11)
11601	19644_1.R1040	iaa(HMM:9.8e-62)
11602	205244_1.R1040	ibr(HMM:0.34)
11603	58014_1.R1040	ibr(HMM:1.3e-16)
11604	25497_1.R1040	"ibr(HMM:2.5e-08),zf-c3hc4(HMM:0.013)"
11605	6965_2.R1040	ibr(HMM:4.2e-20)
11606	6965_3.R1040	ibr(HMM:5.5e-13)
11607	91156_1.R1040	k-box(HMM:0.0036)
11608	kl1701206994.h1	k-box(HMM:0.004)
11609	LIB3139-100-P1-N1-H10	k-box(HMM:0.0044)
11610	32643_1.R1040	"k-box(HMM:0.0044),srf-tf(HMM:5.9e-36)"
11611	233177_1.R1040	k-box(HMM:0.0091)
11612	244_1.R1040	"k-box(HMM:0.013),srf-tf(HMM:6.5e-32)"
11613	LIB3050-012-Q1-E1-B4	k-box(HMM:0.15)
11614	1579_3.R1040	"k-box(HMM:1.1e-31),srf-tf(HMM:3.8e-37)"
11615	43586_2.R1040	"k-box(HMM:1.2e-09),srf-tf(HMM:3.4e-36)"
11616	uC-gmflminsoy120d10b1	k-box(HMM:1.5e-05)
11617	128341_1.R1040	"k-box(HMM:1.5e-07),srf-tf(HMM:1.2e-32)"
11618	65324_1.R1040	"k-box(HMM:1.6e-19),srf-tf(HMM:9.6e-35)"
11619	257856_1.R1040	k-box(HMM:1.9e-18)
11620	180462_1.R1040	"k-box(HMM:1e-06),srf-tf(HMM:1e-33)"
11621	67995_1.R1040	"k-box(HMM:1e-12),srf-tf(HMM:4.5e-38)"
11622	35441_1.R1040	"k-box(HMM:1e-21),srf-tf(HMM:7e-37)"
11623	15187_1.R1040	"k-box(HMM:2.1e-22),srf-tf(HMM:6.4e-37)"
11624	43586_1.R1040	"k-box(HMM:2.5e-18),srf-tf(HMM:2.6e-34)"
11625	47988_1.R1040	"k-box(HMM:2.6e-05),srf-tf(HMM:2.2e-32)"
11626	63204_1.R1040	"k-box(HMM:3.4e-12),srf-tf(HMM:6.1e-35)"
11627	1576_1.R1040	"k-box(HMM:3.5),srf-tf(HMM:4.3e-37)"
11628	hyd700728433.h1	k-box(HMM:3.7e-18)
11629	90218_1.R1040	k-box(HMM:4.7e-07)
11630	2453_1.R1040	"k-box(HMM:5.3e-09),srf-tf(HMM:2.4e-35)"
11631	15223_1.R1040	"k-box(HMM:5.5e-15),srf-tf(HMM:9.4e-38)"
11632	xpa700793706.h1	k-box(HMM:5.8e-23)
11633	1575_1.R1040	"k-box(HMM:5.8e-27),srf-tf(HMM:1.3e-36)"



11634	hrw701059890.h1	k-box(HMM:6.1e-10)
11635	139861_1.R1040	k-box(HMM:6.8)
11636	1575_2.R1040	"k-box(HMM:7e-36),srf- tf(HMM:6.5e-24)"
11637	ncj700979602.h2	k-box(HMM:8.2e-05)
11638	LIB3072-059-Q1-K1-E6	k-box(HMM:8.6e-20)
11639	zhf700963673.h1	k-box(HMM:8e-10)
11640	jex700904960.h1	k-box(HMM:8e-19)
11641	gsv701044843.h1	keyword:14-3-3(1.0e-19)
11642	90958_1.R1040	keyword:14-3-3(2.0e-34)
11643	vzy700755180.h1	keyword:14-3-3(3.0e-20)
11644	LIB3093-015-Q1-K2-G5	keyword:14-3-3(4.0e-41)
11645	LIB3092-029-Q1-K1-E5	keyword:14-3-3(5.0e-10)
11646	jex700908747.h1	keyword:14-3-3(5.0e-12)
11647	seb700654213.h1	keyword:14-3-3(8.0e-17)
11648	390940_1.R1040	keyword:14-3-3(9.0e-37)
11649	41864_1.R1040	keyword:AGL(1.0e-35)
11650	151863_1.R1040	keyword:AGL(1.0e-69)
11651	kli701203692.h2	keyword:AGL(2.0e-17)
11652	wvk700683783.h1	keyword:AGL(2.0e-43)
11653	jC-gmle01810013f09d1	keyword:AGL(3.0e-26)
11654	zzp700829978.h1	keyword:AGL(4.0e-19)
11655	awf700840875.h1	keyword:AGL(4.0e-30)
11656	LIB3094-009-Q1-K1-A1	keyword:AGL(5.0e-18)
11657	vzy700751095.h1	keyword:AGL(6.0e-24)
11658	325_1.R1040	keyword:ap2(0.0e+00)
11659	325_3.R1040	keyword:ap2(0.0e+00)
11660	uC-gmropic006b12b1	keyword:ap2(1.0e-61)
11661	35455_1.R1040	keyword:ap2(2.0e-22)
11662	vzy700752462.h1	keyword:ap2(2.0e-25)
11663	jC-gmle01810087c12a1	keyword:ap2(2.0e-40)
11664	1489_3.R1040	keyword:ap2(3.0e-10)
11665	uC-gmropic029g06b1	keyword:ap2(4.0e-09)
11666	LIB3072-002-Q1-K1-E9	keyword:ap2(4.0e-11)
11667	uC-gmrominsoyl27c11b1	keyword:ap2(4.0e-17)
11668	LIB3056-009-Q1-N1-H12	keyword:ap2(4.0e-50)
11669	354536_1.R1040	keyword:ap2(5.0e-12)
11670	23372_1.R1040	keyword:ap2(5.0e-25)
11671	301112_1.R1040	keyword:ap2(7.0e-18)
11672	hrw701057553.h1	keyword:ap2(8.0e-40)
11673	19599_1.R1040	keyword:AT-hook(1.0e-27)
11674	118149_1.R1040	keyword:AT-hook(1.0e-34)
11675	g4405544	keyword:AT-hook(7.0e-33)
11676	bth700843917.h1	"keyword:bzip(1.0e- 08),keyword:homeobox(1.0e- 08)"
11677	174937_1.R1040	keyword:bzip(1.0e-10)
11678	zzp700834555.h1	keyword:bzip(1.0e-10)
11679	83094_1.R1040	"keyword:bzip(1.0e- 115),keyword:homeobox(1.0e- 115)"
11680	22158_1.R1040	"keyword:bzip(1.0e- 118),keyword:homeobox(1.0e- 118)"

11681	LIB3107-058-Q1-K1-A5	keyword:bzip(1.0e-12)
11682	g5508980	keyword:bzip(1.0e-24)
11683	145700_1.R1040	keyword:bzip(1.0e-28)
11684	69433_1.R1040	keyword:bzip(1.0e-37)
11685	14863_1.R1040	"keyword:bzip(1.0e-53),keyword:homeobox(1.0e-53)"
11686	12356_1.R1040	"keyword:bzip(1.0e-62),keyword:homeobox(1.0e-62)"
11687	226967_1.R1040	"keyword:bzip(1.0e-97),keyword:homeobox(1.0e-97)"
11688	hyd700726285.h1	keyword:bzip(2.0e-13)
11689	339656_1.R1040	"keyword:bzip(2.0e-19),keyword:dna-binding(2.0e-19)"
11690	6080_2.R1040	"keyword:bzip(2.0e-21),keyword:dna-binding(2.0e-21)"
11691	zsg701120778.h1	"keyword:bzip(2.0e-22),keyword:dna-binding(2.0e-22)"
11692	trc700566764.h1	keyword:bzip(2.0e-23)
11693	354262_1.R1040	"keyword:bzip(2.0e-57),keyword:homeobox(2.0e-57)"
11694	62394_1.R1040	keyword:bzip(2.0e-93)
11695	6080_1.R1040	"keyword:bzip(3.0e-14),keyword:dna-binding(3.0e-14)"
11696	20351_1.R1040	keyword:bzip(3.0e-17)
11697	jC-gmro02910047a05a1	keyword:bzip(3.0e-20)
11698	ncj700979737.h2	keyword:bzip(3.0e-20)
11699	45251_1.R1040	"keyword:bzip(3.0e-21),keyword:dna-binding(3.0e-21)"
11700	149_2.R1040	"keyword:bzip(3.0e-32),keyword:dna-binding(3.0e-32)"
11701	136271_1.R1040	keyword:bzip(3.0e-75)
11702	wrg700788846.h2	"keyword:bzip(4.0e-18),keyword:homeobox(4.0e-18)"
11703	22195_1.R1040	"keyword:bzip(4.0e-86),keyword:homeobox(4.0e-86)"
11704	zhf700959859.h1	keyword:bzip(5.0e-28)
11705	48052_1.R1040	"keyword:bzip(5.0e-46),keyword:dna-binding(5.0e-46)"
11706	uC-gmropic088b08b1	"keyword:bzip(5.0e-46),keyword:homeobox(5.0e-46)"

11707	zpv700757904.h1	"keyword:bzip(6.0e-18),keyword:homeobox(6.0e-18)"
11708	31885_1.R1040	keyword:bzip(6.0e-23)
11709	132140_1.R1040	keyword:bzip(7.0e-27)
11710	rca701000394.h1	keyword:bzip(8.0e-21)
11711	wvk700682587.h2	"keyword:bzip(9.0e-15),keyword:homeobox(9.0e-15)"
11712	eep700868689.h1	keyword:bzip(9.0e-17)
11713	sat701009842.h1	"keyword:bzip(9.0e-18),keyword:homeobox(9.0e-18)"
11714	77505_2.R1040	keyword:CONSTANS(2.0e-30)
11715	jC-gmfl02220077h12d1	keyword:CONSTANS(3.0e-18)
11716	g5058154	keyword:CONSTANS(3.0e-24)
11717	77505_1.R1040	keyword:CONSTANS(9.0e-27)
11718	20622_1.R1040	keyword:dna-binding(0.0e+00)
11719	78483_1.R1040	keyword:dna-binding(1.0e-08)
11720	29357_1.R1040	keyword:dna-binding(1.0e-09)
11721	310_2.R1040	keyword:dna-binding(1.0e-13)
11722	fC-gmst700665086r3	keyword:dna-binding(1.0e-14)
11723	LIB3055-002-Q1-B1-C10	keyword:dna-binding(1.0e-16)
11724	122_1.R1040	keyword:dna-binding(1.0e-168)
11725	115105_1.R1040	keyword:dna-binding(1.0e-18)
11726	131135_1.R1040	keyword:dna-binding(1.0e-18)
11727	3217_9.R1040	keyword:dna-binding(1.0e-18)
11728	310_1.R1040	keyword:dna-binding(1.0e-21)
11729	LIB3170-067-Q1-K1-C1	keyword:dna-binding(1.0e-23)
11730	LIB3170-075-Q1-K1-G12	keyword:dna-binding(1.0e-24)
11731	LIB3051-036-Q1-K1-D11	keyword:dna-binding(1.0e-25)
11732	leu701154805.h1	keyword:dna-binding(1.0e-25)
11733	2358_2.R1040	keyword:dna-binding(1.0e-29)
11734	15300_1.R1040	keyword:dna-binding(1.0e-33)
11735	LIB3050-019-Q1-K1-A6	keyword:dna-binding(1.0e-38)
11736	LIB3138-099-Q1-N1-H10	keyword:dna-binding(1.0e-56)
11737	149462_1.R1040	keyword:dna-binding(1.0e-60)
11738	211442_1.R1040	keyword:dna-binding(1.0e-60)
11739	11532_1.R1040	keyword:dna-binding(1.0e-62)
11740	16355_1.R1040	keyword:dna-binding(1.0e-64)
11741	25670_1.R1040	keyword:dna-binding(1.0e-95)
11742	jC-gmle01810033b05a2	keyword:dna-binding(2.0e-09)
11743	jC-gmst02400066b11d1	keyword:dna-binding(2.0e-09)
11744	22522_1.R1040	keyword:dna-binding(2.0e-10)
11745	uC-gmronoir056a09b1	keyword:dna-binding(2.0e-10)
11746	173253_1.R1040	keyword:dna-binding(2.0e-12)
11747	pcp700994710.h1	keyword:dna-binding(2.0e-12)
11748	sat701015336.h1	keyword:dna-binding(2.0e-12)
11749	bth700849819.h1	keyword:dna-binding(2.0e-13)
11750	1500_1.R1040	keyword:dna-binding(2.0e-14)
11751	16355_6.R1040	keyword:dna-binding(2.0e-14)
11752	180248_1.R1040	keyword:dna-binding(2.0e-15)
11753	136748_1.R1040	keyword:dna-binding(2.0e-23)
11754	LIB3053-013-Q1-N1-D10	keyword:dna-binding(2.0e-33)

11755	230087_1.R1040	keyword:dna-binding(2.0e-37)
11756	23264_1.R1040	keyword:dna-binding(2.0e-40)
11757	32691_2.R1040	keyword:dna-binding(2.0e-41)
11758	jC-gmro02910066c07a1	keyword:dna-binding(2.0e-43)
11759	rca700998163.h1	keyword:dna-binding(2.0e-43)
11760	g5057884	keyword:dna-binding(2.0e-45)
11761	18260_1.R1040	keyword:dna-binding(2.0e-53)
11762	94769_1.R1040	keyword:dna-binding(2.0e-70)
11763	46901_1.R1040	keyword:dna-binding(2.0e-87)
11764	34677_1.R1040	keyword:dna-binding(2.0e-91)
11765	122_3.R1040	keyword:dna-binding(2.0e-98)
11766	wrg700787662.h2	keyword:dna-binding(3.0e-12)
11767	1411_2.R1040	keyword:dna-binding(3.0e-13)
11768	16355_4.R1040	keyword:dna-binding(3.0e-15)
11769	23286_1.R1040	keyword:dna-binding(3.0e-15)
11770	g4283918	keyword:dna-binding(3.0e-15)
11771	LIB3094-047-Q1-K1-F9	keyword:dna-binding(3.0e-18)
11772	29654_1.R1040	keyword:dna-binding(3.0e-21)
11773	LIB3093-035-Q1-K1-G6	keyword:dna-binding(3.0e-25)
11774	pxt700941062.h1	keyword:dna-binding(3.0e-28)
11775	LIB3074-030-Q1-K2-C5	keyword:dna-binding(3.0e-35)
11776	LIB3106-116-Q1-K1-F10	keyword:dna-binding(3.0e-40)
11777	zsg701123158.h1	keyword:dna-binding(4.0e-09)
11778	257521_1.R1040	keyword:dna-binding(4.0e-12)
11779	sat701009968.h2	keyword:dna-binding(4.0e-12)
11780	g5753326	keyword:dna-binding(4.0e-13)
11781	92872_1.R1040	keyword:dna-binding(4.0e-17)
11782	25538_5.R1040	keyword:dna-binding(4.0e-18)
11783	LIB3109-043-Q1-K1-E12	keyword:dna-binding(4.0e-24)
11784	16355_5.R1040	keyword:dna-binding(4.0e-42)
11785	g5753094	keyword:dna-binding(4.0e-67)
11786	fC-gmse700672271f1	keyword:dna-binding(5.0e-12)
11787	jC-gmst02400051c05a1	keyword:dna-binding(5.0e-13)
11788	177341_1.R1040	keyword:dna-binding(5.0e-14)
11789	ncj700987493.h1	keyword:dna-binding(5.0e-17)
11790	22522_3.R1040	keyword:dna-binding(5.0e-21)
11791	uC-gmflminsoy120d03b1	keyword:dna-binding(5.0e-23)
11792	zsg701123944.h1	keyword:dna-binding(6.0e-09)
11793	uC-gmrominsoy220a02b1	keyword:dna-binding(6.0e-14)
11794	jex700907574.h1	keyword:dna-binding(6.0e-20)
11795	7481_3.R1040	keyword:dna-binding(6.0e-24)
11796	43449_1.R1040	keyword:dna-binding(6.0e-40)
11797	jC-gmro02910024e06a1	keyword:dna-binding(6.0e-40)
11798	134798_1.R1040	keyword:dna-binding(6.0e-54)
11799	LIB3138-095-Q1-N1-A5	keyword:dna-binding(7.0e-17)
11800	wvk700685507.h1	keyword:dna-binding(7.0e-32)
11801	LIB3051-046-Q1-K1-C8	keyword:dna-binding(7.0e-40)
11802	11532_2.R1040	keyword:dna-binding(7.0e-41)
11803	2358_1.R1040	keyword:dna-binding(7.0e-57)
11804	2297_5.R1040	keyword:dna-binding(7.0e-61)
11805	136379_1.R1040	keyword:dna-binding(7.0e-68)
11806	66075_1.R1040	keyword:dna-binding(8.0e-16)
11807	28599_2.R1040	keyword:dna-binding(8.0e-31)
11808	268619_1.R1040	keyword:dna-binding(8.0e-43)

11809	16355_2.R1040	keyword:dna-binding(8.0e-51)
11810	g4291415	keyword:dna-binding(9.0e-11)
11811	gsv701054633.h1	keyword:dna-binding(9.0e-11)
11812	90535_1.R1040	keyword:dna-binding(9.0e-17)
11813	5510_1.R1040	keyword:dna-binding(9.0e-29)
11814	16355_3.R1040	keyword:dna-binding(9.0e-74)
11815	11762_2.R1040	keyword:DREB(4.0e-33)
11816	98365_1.R1040	keyword:enbp(2.0e-30)
11817	zhf700957918.h1	keyword:enbp(4.0e-09)
11818	LIB3093-024-Q1-K1-F2	keyword:enbp(4.0e-36)
11819	gsv701051187.h1	keyword:helix-loop-helix(4.0e-12)
11820	21305_1.R1040	keyword:helix-loop-helix(8.0e-36)
11821	340944_1.R1040	keyword:homeobox(0.0e+00)
11822	126536_1.R1040	keyword:homeobox(1.0e-100)
11823	55562_1.R1040	keyword:homeobox(1.0e-103)
11824	25825_1.R1040	keyword:homeobox(1.0e-110)
11825	23745_1.R1040	keyword:homeobox(1.0e-119)
11826	8013_2.R1040	keyword:homeobox(1.0e-12)
11827	LIB3094-027-Q1-K1-C10	"keyword:homeobox(1.0e-19),keyword:Leucine-zipper(1.0e-19)"
11828	sat701013183.h1	"keyword:homeobox(1.0e-21),keyword:homeodomain(1.0e-21),keyword:Leucine-zipper(1.0e-21)"
11829	asn701141080.h1	keyword:homeobox(1.0e-32)
11830	84730_1.R1040	keyword:homeobox(1.0e-41)
11831	70904_1.R1040	keyword:homeobox(1.0e-47)
11832	464_3.R1040	"keyword:homeobox(1.0e-57),keyword:Leucine-zipper(1.0e-57)"
11833	uC-gmrominsoy104g05b1	keyword:homeobox(2.0e-12)
11834	LIB3138-031-Q1-N1-F10	"keyword:homeobox(2.0e-13),keyword:Leucine-zipper(2.0e-13)"
11835	242864_1.R1040	"keyword:homeobox(2.0e-14),keyword:Leucine-zipper(2.0e-14)"
11836	pxt700945149.h1	keyword:homeobox(2.0e-15)
11837	leu701146987.h1	"keyword:homeobox(2.0e-21),keyword:Leucine-zipper(2.0e-21)"
11838	fua701038893.h1	keyword:homeobox(2.0e-23)
11839	uC-gmrominsoy065e09b1	keyword:homeobox(2.0e-24)
11840	zsg701128657.h1	keyword:homeobox(2.0e-24)
11841	104906_1.R1040	keyword:homeobox(2.0e-27)
11842	4355_3.R1040	keyword:homeobox(2.0e-31)
11843	4355_6.R1040	keyword:homeobox(2.0e-42)
11844	gsv701046638.h1	keyword:homeobox(3.0e-12)
11845	7481_2.R1040	"keyword:homeobox(3.0e-12),keyword:Leucine-zipper(3.0e-12)"

11846	LIB3094-087-Q1-K1-B1	"keyword:homeobox(3.0e-14),keyword:Leucine-zipper(3.0e-14)"
11847	gsv701044506.h1	keyword:homeobox(3.0e-15)
11848	LIB3094-047-Q1-K1-A9	"keyword:homeobox(3.0e-18),keyword:Leucine-zipper(3.0e-18)"
11849	7598_5.R1040	"keyword:homeobox(3.0e-21),keyword:homeodomain(3.0e-21)"
11850	LIB3051-103-Q1-K1-B11	keyword:homeobox(3.0e-22)
11851	LIB3093-053-Q1-K1-A3	keyword:homeobox(3.0e-22)
11852	kl1701211947.h1	keyword:homeobox(3.0e-26)
11853	uC-gmflminsoy044g01b1	keyword:homeobox(3.0e-32)
11854	102969_1.R1040	keyword:homeobox(3.0e-46)
11855	7598_2.R1040	"keyword:homeobox(3.0e-60),keyword:homeodomain(3.0e-60)"
11856	214566_1.R1040	keyword:homeobox(3.0e-61)
11857	27738_3.R1040	"keyword:homeobox(3.0e-63),keyword:Leucine-zipper(3.0e-63)"
11858	80317_1.R1040	keyword:homeobox(3.0e-74)
11859	134968_1.R1040	keyword:homeobox(3.0e-91)
11860	163514_1.R1040	keyword:homeobox(4.0e-24)
11861	LIB3094-093-Q1-K1-B12	"keyword:homeobox(4.0e-32),keyword:Leucine-zipper(4.0e-32)"
11862	LIB3138-093-Q1-N1-H5	keyword:homeobox(4.0e-33)
11863	7598_3.R1040	keyword:homeobox(4.0e-48)
11864	58204_1.R1040	keyword:homeobox(5.0e-11)
11865	31442_1.R1040	keyword:homeobox(5.0e-13)
11866	uxk700669731.h1	keyword:homeobox(5.0e-18)
11867	80765_1.R1040	"keyword:homeobox(5.0e-19),keyword:Leucine-zipper(5.0e-19)"
11868	zhf700959801.h1	keyword:homeobox(5.0e-26)
11869	jC-gmro02800034b04a1	keyword:homeobox(5.0e-30)
11870	245347_1.R1040	keyword:homeobox(5.0e-35)
11871	97554_1.R1040	"keyword:homeobox(6.0e-09),keyword:Leucine-zipper(6.0e-09)"
11872	LIB3094-056-Q1-K1-D3	keyword:homeobox(6.0e-14)
11873	138324_1.R1040	keyword:homeobox(6.0e-21)
11874	314518_1.R1040	keyword:homeobox(6.0e-34)
11875	pxt700943363.h1	keyword:homeobox(7.0e-09)
11876	160303_1.R1040	keyword:homeobox(7.0e-49)
11877	21457_1.R1040	keyword:homeobox(7.0e-68)
11878	8013_1.R1040	keyword:homeobox(7.0e-76)
11879	g5752776	keyword:homeobox(8.0e-11)
11880	LIB3094-091-Q1-K1-D7	"keyword:homeobox(8.0e-18),keyword:Leucine-zipper(8.0e-18)"
11881	zzp700833145.h1	keyword:homeobox(8.0e-26)

11882	4355_2.R1040	keyword:homeobox(8.0e-93)
11883	LIB3094-018-Q1-K1-D7	"keyword:homeobox(9.0e-13),keyword:Leucine-zipper(9.0e-13)"
11884	LIB3094-103-Q1-K1-C5	"keyword:homeobox(9.0e-29),keyword:Leucine-zipper(9.0e-29)"
11885	wrg700787288.h2	keyword:homeodomain(1.0e-11)
11886	7535_1.R1040	keyword:homeodomain(1.0e-110)
11887	25815_1.R1040	keyword:homeodomain(1.0e-133)
11888	27255_1.R1040	keyword:homeodomain(1.0e-146)
11889	27938_1.R1040	keyword:homeodomain(1.0e-18)
11890	16422_1.R1040	keyword:homeodomain(1.0e-27)
11891	wrg700791930.h1	keyword:homeodomain(1.0e-28)
11892	23494_1.R1040	keyword:homeodomain(2.0e-25)
11893	33315_1.R1040	keyword:homeodomain(2.0e-32)
11894	6769_1.R1040	keyword:homeodomain(2.0e-32)
11895	33315_2.R1040	keyword:homeodomain(2.0e-46)
11896	LIB3051-115-Q1-K1-G8	keyword:homeodomain(2.0e-57)
11897	xpa700792664.h1	keyword:homeodomain(3.0e-09)
11898	pmv700892909.h1	keyword:homeodomain(3.0e-19)
11899	33403_2.R1040	"keyword:homeodomain(3.0e-19),keyword:KNOX(3.0e-19)"
11900	trc700565743.h1	keyword:homeodomain(3.0e-25)
11901	7535_2.R1040	keyword:homeodomain(3.0e-70)
11902	jC-gmst02400050h08a1	keyword:homeodomain(4.0e-37)
11903	gsv701044439.h1	keyword:homeodomain(5.0e-29)
11904	60541_1.R1040	keyword:homeodomain(5.0e-41)
11905	60541_2.R1040	keyword:homeodomain(6.0e-10)
11906	63316_2.R1040	keyword:homeodomain(6.0e-11)
11907	pmv700894426.h1	keyword:homeodomain(6.0e-23)
11908	uC-gmflminsoy066e05b1	keyword:homeodomain(6.0e-25)
11909	7294_1.R1040	keyword:homeodomain(6.0e-27)
11910	leu701147041.h1	keyword:homeodomain(6.0e-31)
11911	zhf700962277.h1	keyword:homeodomain(7.0e-16)
11912	ncj700986825.h1	keyword:homeodomain(8.0e-16)
11913	326950_1.R1040	keyword:Leucine-zipper(1.0e-08)
11914	LIB3051-015-Q1-E1-A4	keyword:Leucine-zipper(3.0e-09)
11915	LIB3170-058-Q1-J1-E12	keyword:Leucine-zipper(3.0e-16)
11916	256908_1.R1040	keyword:mads(1.0e-19)
11917	zhf700958579.h1	keyword:mads(1.0e-26)
11918	kl1701214791.h1	keyword:mads(2.0e-23)
11919	epx701108585.h1	"keyword:mads(2.0e-26),keyword:AGL(2.0e-26)"
11920	zzp700835610.h1	"keyword:mads(3.0e-15),keyword:AGL(3.0e-15)"
11921	65320_1.R1040	keyword:mads(3.0e-50)
11922	92364_1.R1040	keyword:mads(5.0e-12)
11923	3000_1.R1040	keyword:mads(5.0e-25)
11924	LIB3093-027-Q1-K1-E5	keyword:mads(6.0e-09)
11925	3041_1.R1040	keyword:mads(6.0e-11)

11926	3041_2.R1040	keyword:mads(7.0e-20)
11927	340111_1.R1040	"keyword:mads(8.0e-11),keyword:AGL(8.0e-11)"
11928	hrw701057456.h1	keyword:myb(1.0e-11)
11929	zhf700957638.h1	keyword:myb(1.0e-27)
11930	179999_1.R1040	keyword:myb(1.0e-36)
11931	asn701132039.h1	keyword:myb(1.0e-36)
11932	jC-gmle01810075h06a1	keyword:myb(1.0e-40)
11933	190794_1.R1040	keyword:myb(1.0e-57)
11934	8129_3.R1040	keyword:myb(2.0e-10)
11935	LIB3053-003-Q1-N1-A7	keyword:myb(2.0e-12)
11936	LIB3109-010-Q1-K1-A10	keyword:myb(2.0e-12)
11937	sat701005339.h1	keyword:myb(2.0e-15)
11938	229303_1.R1040	keyword:myb(2.0e-17)
11939	rlr700896666.h1	keyword:myb(2.0e-30)
11940	wvk700686070.h1	keyword:myb(2.0e-30)
11941	jex700908343.h1	keyword:myb(3.0e-10)
11942	zsg701129659.h1	keyword:myb(3.0e-21)
11943	awf700838292.h1	keyword:myb(3.0e-29)
11944	LIB3039-030-Q1-E1-E3	keyword:myb(3.0e-33)
11945	kll701213070.h1	keyword:myb(4.0e-10)
11946	8331_1.R1040	keyword:myb(4.0e-30)
11947	LIB3028-001-Q1-B1-B2	keyword:myb(5.0e-15)
11948	4066_1.R1040	keyword:myb(5.0e-91)
11949	LIB3028-039-Q1-B2-G9	keyword:myb(6.0e-09)
11950	uC-gmropic013c02b1	keyword:myb(6.0e-22)
11951	gsv701052313.h1	keyword:myb(7.0e-22)
11952	LIB3138-041-Q1-N1-F5	keyword:myb(8.0e-17)
11953	1908_2.R1040	keyword:myb(8.0e-18)
11954	vwf700679204.h1	keyword:myb(9.0e-12)
11955	21521_1.R1040	keyword:Polycomb(1.0e-13)
11956	asn701143241.h1	keyword:Polycomb(1.0e-13)
11957	uC-gmrominsoy11h04b1	keyword:Polycomb(1.0e-21)
11958	fC-gmse700675569i1	keyword:scarecrow(1.0e-28)
11959	1766_1.R1040	keyword:scarecrow(2.0e-15)
11960	17575_1.R1040	keyword:scarecrow(4.0e-28)
11961	jC-gmle01810059h05d1	keyword:scarecrow(5.0e-19)
11962	jC-gmfl02220070b02d1	keyword:scarecrow(6.0e-11)
11963	fC-gmfl700903880r2	keyword:scarecrow(6.0e-20)
11964	91114_1.R1040	keyword:scarecrow(6.0e-26)
11965	177114_1.R1040	keyword:scarecrow(6.0e-28)
11966	176231_1.R1040	keyword:scarecrow(8.0e-13)
11967	LIB3093-025-Q1-K1-F12	keyword:scarecrow(9.0e-14)
11968	1773_1.R1040	keyword:transcription(0.0e+00)
11969	LIB3049-032-Q1-E1-B10	keyword:transcription(1.0e-08)
11970	LIB3138-019-Q1-N1-D4	keyword:transcription(1.0e-08)
11971	144562_1.R1040	"keyword:transcription(1.0e-08),keyword:bzip(1.0e-08)"
11972	LIB3093-057-Q1-K1-H2	"keyword:transcription(1.0e-08),keyword:bzip(1.0e-08)"
11973	112625_1.R1040	keyword:transcription(1.0e-09)
11974	189019_1.R1040	keyword:transcription(1.0e-09)
11975	9626_3.R1040	keyword:transcription(1.0e-09)
11976	g4304957	keyword:transcription(1.0e-09)



11977	232574_1.R1040	"keyword:transcription(1.0e-09),keyword:bzip(1.0e-09)"
11978	jex700907607.h1	keyword:transcription(1.0e-11)
11979	LIB3170-066-Q1-J1-C7	"keyword:transcription(1.0e-11),keyword:Leucine-zipper(1.0e-11)"
11980	2627_1.R1040	keyword:transcription(1.0e-113)
11981	10062_1.R1040	keyword:transcription(1.0e-12)
11982	63926_2.R1040	"keyword:transcription(1.0e-12),keyword:myb(1.0e-12)"
11983	LIB3106-036-Q1-K1-F2	keyword:transcription(1.0e-15)
11984	116873_1.R1040	keyword:transcription(1.0e-157)
11985	319070_1.R1040	keyword:transcription(1.0e-16)
11986	86720_1.R1040	keyword:transcription(1.0e-16)
11987	LIB3094-002-Q1-K1-B6	keyword:transcription(1.0e-16)
11988	uC-gmrominsoy318d06b1	"keyword:transcription(1.0e-16),keyword:CBF1(1.0e-16)"
11989	kll701212212.h1	"keyword:transcription(1.0e-17),keyword:mads(1.0e-17)"
11990	5732_1.R1040	keyword:transcription(1.0e-18)
11991	61594_1.R1040	keyword:transcription(1.0e-18)
11992	3189_1.R1040	"keyword:transcription(1.0e-18),keyword:bzip(1.0e-18)"
11993	1773_6.R1040	keyword:transcription(1.0e-21)
11994	341396_1.R1040	keyword:transcription(1.0e-21)
11995	13030_1.R1040	keyword:transcription(1.0e-23)
11996	9426_1.R1040	keyword:transcription(1.0e-25)
11997	jC-gmro02910070h11a1	keyword:transcription(1.0e-25)
11998	21476_2.R1040	"keyword:transcription(1.0e-28),keyword:myb(1.0e-28)"
11999	25494_1.R1040	keyword:transcription(1.0e-29)
12000	5591_1.R1040	keyword:transcription(1.0e-29)
12001	LIB3167-077-P1-K1-G10	"keyword:transcription(1.0e-31),keyword:myb(1.0e-31)"
12002	186656_1.R1040	keyword:transcription(1.0e-35)
12003	125699_1.R1040	keyword:transcription(1.0e-36)
12004	taw700657154.h1	keyword:transcription(1.0e-37)
12005	227769_1.R1040	keyword:transcription(1.0e-46)
12006	8630_1.R1040	keyword:transcription(1.0e-47)
12007	20950_1.R1040	keyword:transcription(1.0e-49)
12008	16230_1.R1040	keyword:transcription(1.0e-63)
12009	2588_1.R1040	keyword:transcription(1.0e-67)
12010	47422_1.R1040	keyword:transcription(1.0e-93)
12011	122996_1.R1040	keyword:transcription(2.0e-09)
12012	LIB3167-029-P1-K1-H8	keyword:transcription(2.0e-09)
12013	bth700847135.h1	keyword:transcription(2.0e-09)
12014	jex700909970.h1	keyword:transcription(2.0e-09)
12015	LIB3094-097-Q1-K1-D2	keyword:transcription(2.0e-10)
12016	LIB3167-004-P1-K1-D1	keyword:transcription(2.0e-10)
12017	g4292842	keyword:transcription(2.0e-10)
12018	g5676904	keyword:transcription(2.0e-10)
12019	159922_1.R1040	"keyword:transcription(2.0e-10),keyword:myb(2.0e-10)"
12020	21460_3.R1040	"keyword:transcription(2.0e-

12021	120977_1.R1040	10),keyword:myb(2.0e-10),keyword:dna-binding(2.0e-10)"
12022	22512_1.R1040	keyword:transcription(2.0e-11)
12023	617_5.R1040	keyword:transcription(2.0e-11)
12024	LIB3040-053-Q1-E1-D10	keyword:transcription(2.0e-11)
12025	taw700657806.h1	"keyword:transcription(2.0e-11),keyword:myb(2.0e-11)"
12026	LIB3094-002-Q1-K1-E6	keyword:transcription(2.0e-12)
12027	jex700907090.h1	keyword:transcription(2.0e-12)
12028	66954_1.R1040	keyword:transcription(2.0e-13)
12029	ncj700985576.h1	"keyword:transcription(2.0e-13),keyword:myb(2.0e-13)"
12030	12831_2.R1040	keyword:transcription(2.0e-14)
12031	zsg701129178.h1	keyword:transcription(2.0e-14)
12032	1773_3.R1040	keyword:transcription(2.0e-15)
12033	216144_1.R1040	keyword:transcription(2.0e-15)
12034	pxt700945078.h1	keyword:transcription(2.0e-15)
12035	jC-gmfl02220137e03a1	keyword:transcription(2.0e-16)
12036	uC-gmronoir024e09b1	keyword:transcription(2.0e-16)
12037	LIB3167-050-P1-K1-G3	keyword:transcription(2.0e-17)
12038	19582_2.R1040	keyword:transcription(2.0e-18)
12039	81226_1.R1040	keyword:transcription(2.0e-18)
12040	zhf700962293.h1	"keyword:transcription(2.0e-18),keyword:myb(2.0e-18)"
12041	g4396494	keyword:transcription(2.0e-19)
12042	58348_1.R1040	keyword:transcription(2.0e-20)
12043	59873_1.R1040	keyword:transcription(2.0e-20)
12044	80888_1.R1040	keyword:transcription(2.0e-20)
12045	196243_1.R1040	keyword:transcription(2.0e-22)
12046	LIB3109-031-Q1-K1-C4	"keyword:transcription(2.0e-22),keyword:mads(2.0e-22),keyword:AGL(2.0e-22)"
12047	117677_1.R1040	keyword:transcription(2.0e-24)
12048	161065_1.R1040	keyword:transcription(2.0e-24)
12049	3952_1.R1040	keyword:transcription(2.0e-24)
12050	jC-gmle01810054fl1a1	keyword:transcription(2.0e-24)
12051	15738_2.R1040	keyword:transcription(2.0e-25)
12052	20950_3.R1040	keyword:transcription(2.0e-25)
12053	LIB3107-060-Q1-K1-H11	keyword:transcription(2.0e-25)
12054	5623_1.R1040	keyword:transcription(2.0e-26)
12055	jC-gmro02910072g09d1	keyword:transcription(2.0e-27)
12056	fde700870726.h1	keyword:transcription(2.0e-28)
12057	zsg701128978.h1	keyword:transcription(2.0e-34)
12058	139560_1.R1040	keyword:transcription(2.0e-36)
12059	3226_2.R1040	keyword:transcription(2.0e-38)
12060	252139_1.R1040	"keyword:transcription(2.0e-40),keyword:myb(2.0e-40)"
12061	465_2.R1040	keyword:transcription(2.0e-42)
12062	LIB3051-038-Q1-K1-A5	keyword:transcription(2.0e-42)
12063	30041_1.R1040	keyword:transcription(2.0e-46)
12064	g4291113	keyword:transcription(2.0e-46)
12065	47422_2.R1040	keyword:transcription(2.0e-48)

12066	27689_1.R1040	keyword:transcription(2.0e-49)
12067	33117_1.R1040	keyword:transcription(2.0e-50)
12068	uC-gmropic032f05b1	keyword:transcription(2.0e-51)
12069	4184_1.R1040	keyword:transcription(2.0e-53)
12070	1773_2.R1040	keyword:transcription(2.0e-63)
12071	102925_1.R1040	keyword:transcription(2.0e-68)
12072	159182_1.R1040	keyword:transcription(2.0e-84)
12073	LIB3106-092-Q1-K1-D2	keyword:transcription(3.0e-09)
12074	jC-gmst02400057c02a1	keyword:transcription(3.0e-09)
12075	17535_1.R1040	keyword:transcription(3.0e-11)
12076	324400_1.R1040	"keyword:transcription(3.0e-11),keyword:dna-binding(3.0e-11)"
12077	eep700866402.h1	keyword:transcription(3.0e-13)
12078	jC-gmfl02220138f04d1	keyword:transcription(3.0e-13)
12079	29274_1.R1040	keyword:transcription(3.0e-15)
12080	69075_1.R1040	keyword:transcription(3.0e-15)
12081	fua701040550.h1	keyword:transcription(3.0e-15)
12082	crh700853826.h1	keyword:transcription(3.0e-17)
12083	351723_1.R1040	keyword:transcription(3.0e-18)
12084	75476_1.R1040	"keyword:transcription(3.0e-19),keyword:myb(3.0e-19)"
12085	11955_1.R1040	keyword:transcription(3.0e-22)
12086	224375_1.R1040	keyword:transcription(3.0e-23)
12087	2588_3.R1040	keyword:transcription(3.0e-25)
12088	LIB3106-064-Q1-K1-D1	keyword:transcription(3.0e-26)
12089	uaw700665078.h1	keyword:transcription(3.0e-28)
12090	202857_1.R1040	keyword:transcription(3.0e-34)
12091	5011_1.R1040	keyword:transcription(3.0e-45)
12092	10298_1.R1040	keyword:transcription(3.0e-49)
12093	57314_1.R1040	keyword:transcription(3.0e-53)
12094	1273_1.R1040	keyword:transcription(3.0e-61)
12095	203449_1.R1040	keyword:transcription(4.0e-09)
12096	LIB3107-058-Q1-K1-C5	keyword:transcription(4.0e-10)
12097	zhf700962257.h1	"keyword:transcription(4.0e-10),keyword:myb(4.0e-10)"
12098	249001_1.R1040	keyword:transcription(4.0e-12)
12099	40892_1.R1040	keyword:transcription(4.0e-13)
12100	4980_2.R1040	keyword:transcription(4.0e-13)
12101	uxk700673243.h1	keyword:transcription(4.0e-14)
12102	1773_5.R1040	keyword:transcription(4.0e-16)
12103	g5677049	keyword:transcription(4.0e-22)
12104	jC-gmro02910064e06a1	keyword:transcription(4.0e-22)
12105	g5677671	keyword:transcription(4.0e-23)
12106	151005_1.R1040	keyword:transcription(4.0e-28)
12107	71711_1.R1040	keyword:transcription(4.0e-32)
12108	jC-gmst02400009b06d1	"keyword:transcription(4.0e-34),keyword:myb(4.0e-34)"
12109	32802_1.R1040	keyword:transcription(4.0e-35)
12110	110707_1.R1040	keyword:transcription(4.0e-38)
12111	31721_1.R1040	keyword:transcription(4.0e-38)
12112	3226_1.R1040	keyword:transcription(4.0e-46)
12113	21815_1.R1040	keyword:transcription(4.0e-49)
12114	387_4.R1040	keyword:transcription(4.0e-51)

12115	jC-gmfl02220103d08a1	keyword:transcription(4.0e-57)
12116	71352_1.R1040	keyword:transcription(5.0e-09)
12117	gsv701046215.h1	keyword:transcription(5.0e-09)
12118	326622_1.R1040	keyword:transcription(5.0e-12)
12119	seb700649555.h1	"keyword:transcription(5.0e-14),keyword:myb(5.0e-14)"
12120	13667_1.R1040	"keyword:transcription(5.0e-20),keyword:zinc-finger(5.0e-20)"
12121	93240_1.R1040	keyword:transcription(5.0e-22)
12122	181075_1.R1040	keyword:transcription(5.0e-24)
12123	asn701136703.h1	"keyword:transcription(5.0e-25),keyword:homeobox(5.0e-25)"
12124	taw700658629.h1	keyword:transcription(5.0e-27)
12125	jC-gmle01810085d12a1	keyword:transcription(5.0e-30)
12126	rca700997772.h1	"keyword:transcription(5.0e-30),keyword:myb(5.0e-30)"
12127	244118_1.R1040	keyword:transcription(5.0e-32)
12128	seb700652889.h1	keyword:transcription(5.0e-33)
12129	g5606335	keyword:transcription(5.0e-34)
12130	21482_1.R1040	keyword:transcription(5.0e-38)
12131	57556_1.R1040	keyword:transcription(5.0e-40)
12132	g5510295	keyword:transcription(5.0e-42)
12133	4184_2.R1040	keyword:transcription(5.0e-43)
12134	1773_7.R1040	keyword:transcription(5.0e-57)
12135	ncj700984075.h1	keyword:transcription(6.0e-10)
12136	ssr700559327.h1	keyword:transcription(6.0e-10)
12137	19145_1.R1040	keyword:transcription(6.0e-11)
12138	ASG3244V4L-01-Q1-E1-G1	keyword:transcription(6.0e-12)
12139	28610_1.R1040	keyword:transcription(6.0e-13)
12140	47883_1.R1040	keyword:transcription(6.0e-13)
12141	kli701207952.h1	keyword:transcription(6.0e-15)
12142	LIB3094-006-Q1-K1-E6	keyword:transcription(6.0e-17)
12143	LIB3051-101-Q1-K1-G3	"keyword:transcription(6.0e-20),keyword:myb(6.0e-20),keyword:dna-binding(6.0e-20)"
12144	97656_1.R1040	keyword:transcription(6.0e-21)
12145	jC-gmle01810053h07d1	keyword:transcription(6.0e-21)
12146	uC-gmrominsoy094f04b1	keyword:transcription(6.0e-21)
12147	146745_1.R1040	keyword:transcription(6.0e-33)
12148	132335_1.R1040	keyword:transcription(6.0e-35)
12149	79596_1.R1040	"keyword:transcription(6.0e-35),keyword:myb(6.0e-35)"
12150	15261_1.R1040	keyword:transcription(6.0e-38)
12151	136068_1.R1040	"keyword:transcription(6.0e-52),keyword:bzip(6.0e-52)"
12152	62447_1.R1040	"keyword:transcription(6.0e-56),keyword:dna-binding(6.0e-56)"
12153	360892_1.R1040	keyword:transcription(6.0e-78)
12154	143472_1.R1040	"keyword:transcription(7.0e-11),keyword:dna-binding(7.0e-11)"

12155	ssr700558516.h1	11)"
12156	LIB3056-003-Q1-N1-H9	keyword:transcription(7.0e-12)
12157	617_3.R1040	keyword:transcription(7.0e-14)
12158	LIB3094-011-Q1-K1-H4	keyword:transcription(7.0e-16)
12159	1606_12.R1040	keyword:transcription(7.0e-17)
12160	LIB3053-002-Q1-B1-F2	keyword:transcription(7.0e-18)
12161	1273_2.R1040	keyword:transcription(7.0e-19)
12162	1773_4.R1040	keyword:transcription(7.0e-20)
12163	jC-gmfl02220114f06d1	keyword:transcription(7.0e-26)
12164	32554_1.R1040	keyword:transcription(7.0e-28)
12165	7499_1.R1040	keyword:transcription(7.0e-38)
12166	385_3.R1040	keyword:transcription(7.0e-42)
12167	4453_1.R1040	keyword:transcription(7.0e-66)
12168	28843_1.R1040	keyword:transcription(7.0e-73)
12169	10298_2.R1040	keyword:transcription(8.0e-11)
12170	120750_1.R1040	keyword:transcription(8.0e-12)
12171	LIB3093-031-Q1-K1-B7	keyword:transcription(8.0e-14)
12172	117635_1.R1040	keyword:transcription(8.0e-17)
12173	g4293534	keyword:transcription(8.0e-26)
12174	1526_1.R1040	keyword:transcription(8.0e-26)
12175	2588_2.R1040	keyword:transcription(8.0e-30)
12176	5591_2.R1040	keyword:transcription(8.0e-31)
12177	55600_1.R1040	keyword:transcription(8.0e-36)
12178	30230_1.R1040	keyword:transcription(8.0e-38)
		"keyword:transcription(8.0e-46),keyword:myb(8.0e-46)"
12179	4453_3.R1040	keyword:transcription(8.0e-47)
12180	4565_2.R1040	keyword:transcription(8.0e-90)
12181	asn701131489.h1	keyword:transcription(9.0e-17)
12182	dpv701096922.h1	keyword:transcription(9.0e-17)
12183	20950_2.R1040	keyword:transcription(9.0e-22)
12184	130834_4.R1040	keyword:transcription(9.0e-35)
12185	hrw701057550.h1	keyword:transcription(9.0e-43)
12186	16581_1.R1040	keyword:transcription(9.0e-44)
12187	65098_2.R1040	keyword:transcription(9.0e-48)
12188	15738_1.R1040	keyword:transcription(9.0e-69)
12189	uC-gmrominsoy112a08b1	keyword:zinc-finger(1.0e-08)
12190	27644_1.R1040	keyword:zinc-finger(1.0e-09)
12191	awf700842924.h1	keyword:zinc-finger(1.0e-10)
12192	7746_1.R1040	keyword:zinc-finger(1.0e-107)
12193	4147_3.R1040	keyword:zinc-finger(1.0e-11)
12194	dpv701097644.h1	keyword:zinc-finger(1.0e-11)
12195	vwf700677642.h1	keyword:zinc-finger(1.0e-11)
12196	7477_1.R1040	keyword:zinc-finger(1.0e-147)
12197	pmv700889918.h1	keyword:zinc-finger(1.0e-15)
12198	LIB3050-026-Q1-K1-F6	keyword:zinc-finger(1.0e-16)
12199	21465_2.R1040	keyword:zinc-finger(1.0e-18)
12200	2708_2.R1040	keyword:zinc-finger(1.0e-19)
12201	365195_1.R1040	keyword:zinc-finger(1.0e-21)
12202	64900_1.R1040	keyword:zinc-finger(1.0e-22)
12203	257720_1.R1040	keyword:zinc-finger(1.0e-27)
12204	hrw701057314.h1	keyword:zinc-finger(1.0e-29)
12205	138224_1.R1040	keyword:zinc-finger(1.0e-30)
12206	pxt700945323.h1	keyword:zinc-finger(1.0e-31)

12207	zsg701126225.h1	keyword:zinc-finger(1.0e-33)
12208	7746_2.R1040	keyword:zinc-finger(1.0e-36)
12209	21469_1.R1040	keyword:zinc-finger(1.0e-37)
12210	21763_1.R1040	keyword:zinc-finger(1.0e-43)
12211	328757_1.R1040	keyword:zinc-finger(1.0e-48)
12212	21453_3.R1040	keyword:zinc-finger(1.0e-62)
12213	3138_3.R1040	keyword:zinc-finger(1.0e-68)
12214	67548_2.R1040	keyword:zinc-finger(2.0e-09)
12215	108831_1.R1040	keyword:zinc-finger(2.0e-10)
12216	LIB3138-005-Q1-N1-B3	keyword:zinc-finger(2.0e-10)
12217	20065_1.R1040	keyword:zinc-finger(2.0e-11)
12218	70259_1.R1040	keyword:zinc-finger(2.0e-11)
12219	91284_1.R1040	keyword:zinc-finger(2.0e-11)
12220	jC-gmro02910025g01a1	keyword:zinc-finger(2.0e-12)
12221	zsg701129029.h1	keyword:zinc-finger(2.0e-12)
12222	141784_1.R1040	keyword:zinc-finger(2.0e-14)
12223	61663_1.R1040	keyword:zinc-finger(2.0e-14)
12224	zhf700954134.h1	keyword:zinc-finger(2.0e-14)
12225	4506_1.R1040	keyword:zinc-finger(2.0e-15)
12226	57906_1.R1040	keyword:zinc-finger(2.0e-15)
12227	ncj700985727.h1	keyword:zinc-finger(2.0e-15)
12228	10068_4.R1040	keyword:zinc-finger(2.0e-16)
12229	18507_1.R1040	keyword:zinc-finger(2.0e-18)
12230	uxk700670726.h1	keyword:zinc-finger(2.0e-18)
12231	132949_1.R1040	keyword:zinc-finger(2.0e-19)
12232	jC-gmfl02220056d02a1	keyword:zinc-finger(2.0e-19)
12233	trc700565482.h1	keyword:zinc-finger(2.0e-23)
12234	18906_4.R1040	keyword:zinc-finger(2.0e-25)
12235	LIB3092-022-Q1-K1-D5	keyword:zinc-finger(2.0e-28)
12236	LIB3109-021-Q1-K1-E11	keyword:zinc-finger(2.0e-31)
12237	leu701148210.h1	keyword:zinc-finger(2.0e-32)
12238	17175_2.R1040	keyword:zinc-finger(2.0e-33)
12239	LIB3051-115-Q1-K1-H9	keyword:zinc-finger(2.0e-33)
12240	125562_1.R1040	keyword:zinc-finger(2.0e-42)
12241	717_6.R1040	keyword:zinc-finger(2.0e-46)
12242	119338_1.R1040	keyword:zinc-finger(2.0e-60)
12243	24103_2.R1040	keyword:zinc-finger(3.0e-09)
12244	g5509803	keyword:zinc-finger(3.0e-10)
12245	LIB3050-005-Q1-K1-G12	keyword:zinc-finger(3.0e-14)
12246	14458_1.R1040	keyword:zinc-finger(3.0e-15)
12247	rca701001275.h1	keyword:zinc-finger(3.0e-15)
12248	140610_1.R1040	keyword:zinc-finger(3.0e-17)
12249	717_8.R1040	keyword:zinc-finger(3.0e-17)
12250	ncj700986037.h1	keyword:zinc-finger(3.0e-17)
12251	wrg700790823.h1	keyword:zinc-finger(3.0e-21)
12252	26712_1.R1040	keyword:zinc-finger(3.0e-23)
12253	3617_1.R1040	keyword:zinc-finger(3.0e-24)
12254	LIB3138-121-Q1-N1-C3	keyword:zinc-finger(3.0e-25)
12255	g5606374	keyword:zinc-finger(3.0e-28)
12256	hrw701060532.h1	keyword:zinc-finger(3.0e-29)
12257	23539_1.R1040	keyword:zinc-finger(3.0e-39)
12258	LIB3028-040-Q1-B1-D11	keyword:zinc-finger(3.0e-61)
12259	737_4.R1040	keyword:zinc-finger(4.0e-09)
12260	LIB3106-046-Q1-K1-F3	keyword:zinc-finger(4.0e-09)

12261	fua701038718.h1	keyword:zinc-finger(4.0e-09)
12262	54748_2.R1040	keyword:zinc-finger(4.0e-10)
12263	pxt700942546.h1	keyword:zinc-finger(4.0e-10)
12264	14949_2.R1040	keyword:zinc-finger(4.0e-11)
12265	LIB3056-011-Q1-N1-D1	keyword:zinc-finger(4.0e-11)
12266	4827_1.R1040	keyword:zinc-finger(4.0e-14)
12267	LIB3065-010-Q1-N1-E2	keyword:zinc-finger(4.0e-14)
12268	65426_1.R1040	keyword:zinc-finger(4.0e-19)
12269	awf700841015.h1	keyword:zinc-finger(4.0e-21)
12270	145544_1.R1040	keyword:zinc-finger(4.0e-26)
12271	717_11.R1040	keyword:zinc-finger(4.0e-26)
12272	265_1.R1040	keyword:zinc-finger(4.0e-27)
12273	LIB3170-076-Q1-J1-F8	keyword:zinc-finger(4.0e-28)
12274	15380_1.R1040	keyword:zinc-finger(4.0e-31)
12275	jC-gmfl02220051b06d1	keyword:zinc-finger(4.0e-41)
12276	ssr700559492.h1	keyword:zinc-finger(4.0e-42)
12277	uC-gmflminsoy062a02b1	keyword:zinc-finger(4.0e-56)
12278	21453_1.R1040	keyword:zinc-finger(4.0e-60)
12279	245703_1.R1040	keyword:zinc-finger(5.0e-11)
12280	29426_1.R1040	keyword:zinc-finger(5.0e-11)
12281	LIB3107-018-Q1-K1-D4	keyword:zinc-finger(5.0e-13)
12282	55879_1.R1040	keyword:zinc-finger(5.0e-16)
12283	sat701003804.h1	keyword:zinc-finger(5.0e-16)
12284	116798_1.R1040	keyword:zinc-finger(5.0e-18)
12285	LIB3093-047-Q1-K1-B12	keyword:zinc-finger(5.0e-19)
12286	jC-gmle01810083d10a1	keyword:zinc-finger(5.0e-19)
12287	hrw701063636.h1	keyword:zinc-finger(5.0e-21)
12288	trc700566572.h1	keyword:zinc-finger(5.0e-22)
12289	uC-gmropic023g02b1	keyword:zinc-finger(5.0e-27)
12290	LIB3051-077-Q1-K1-B6	keyword:zinc-finger(5.0e-28)
12291	zhf700959857.h1	keyword:zinc-finger(5.0e-32)
12292	63519_1.R1040	"keyword:zinc-finger(5.0e-32),keyword:zinc-finger(5.0e-32)"
12293	22646_2.R1040	keyword:zinc-finger(5.0e-42)
12294	119513_1.R1040	keyword:zinc-finger(5.0e-49)
12295	75826_1.R1040	keyword:zinc-finger(5.0e-56)
12296	LIB3092-049-Q1-K1-G3	keyword:zinc-finger(6.0e-09)
12297	LIB3170-053-Q1-K1-E12	keyword:zinc-finger(6.0e-09)
12298	162064_1.R1040	keyword:zinc-finger(6.0e-12)
12299	54748_1.R1040	keyword:zinc-finger(6.0e-13)
12300	21465_1.R1040	keyword:zinc-finger(6.0e-17)
12301	21453_2.R1040	keyword:zinc-finger(6.0e-21)
12302	taw700658561.h1	keyword:zinc-finger(6.0e-22)
12303	fde700875511.h1	"keyword:zinc-finger(6.0e-25),keyword:zinc-finger(6.0e-25)"
12304	2638_1.R1040	keyword:zinc-finger(6.0e-35)
12305	102166_1.R1040	keyword:zinc-finger(7.0e-09)
12306	108509_1.R1040	keyword:zinc-finger(7.0e-13)
12307	24103_1.R1040	keyword:zinc-finger(7.0e-20)
12308	27879_1.R1040	keyword:zinc-finger(7.0e-20)
12309	28675_1.R1040	keyword:zinc-finger(7.0e-20)
12310	14432_1.R1040	keyword:zinc-finger(7.0e-25)

12311	LIB3109-009-Q1-K1-C3	keyword:zinc-finger(7.0e-25)
12312	358447_1.R1040	keyword:zinc-finger(7.0e-33)
12313	717_10.R1040	keyword:zinc-finger(7.0e-40)
12314	85342_1.R1040	keyword:zinc-finger(7.0e-51)
12315	83885_1.R1040	keyword:zinc-finger(8.0e-10)
12316	79035_1.R1040	keyword:zinc-finger(8.0e-12)
12317	g4397541	keyword:zinc-finger(8.0e-14)
12318	g5057615	keyword:zinc-finger(8.0e-14)
12319	LIB3139-017-P1-N1-E6	keyword:zinc-finger(8.0e-19)
12320	jC-gmfl02220101b08d1	keyword:zinc-finger(8.0e-20)
12321	17175_1.R1040	keyword:zinc-finger(8.0e-25)
12322	g5606120	keyword:zinc-finger(8.0e-37)
12323	uC-gmropic041a01b1	keyword:zinc-finger(9.0e-09)
12324	LIB3093-041-Q1-K1-H5	keyword:zinc-finger(9.0e-11)
12325	49446_2.R1040	keyword:zinc-finger(9.0e-13)
12326	93472_1.R1040	keyword:zinc-finger(9.0e-13)
12327	132179_1.R1040	keyword:zinc-finger(9.0e-15)
12328	7478_3.R1040	keyword:zinc-finger(9.0e-18)
12329	107197_1.R1040	keyword:zinc-finger(9.0e-22)
12330	33511_1.R1040	keyword:zinc-finger(9.0e-30)
12331	seb700653501.h1	keyword:zinc-finger(9.0e-39)
12332	19859_1.R1040	keyword:zinc-finger(9.0e-84)
12333	pxt700943986.h1	lim(HMM:0.0001)
12334	LIB3139-011-P1-N1-C4	lim(HMM:0.00019)
12335	80623_1.R1040	lim(HMM:0.00047)
12336	zhf700956625.h1	lim(HMM:0.00061)
12337	bnh700764577.h1	lim(HMM:0.0015)
12338	LIB3028-011-Q1-B1-G8	lim(HMM:0.0066)
12339	uC-gmropic090f10b1	lim(HMM:0.06)
12340	jsh701067440.h1	lim(HMM:0.13)
12341	1588_2.R1040	lim(HMM:1.1e-34)
12342	LIB3028-037-Q1-B1-G7	lim(HMM:1.2e-10)
12343	uC-gmropic043d06b1	lim(HMM:1.5e-13)
12344	1582_1.R1040	lim(HMM:1.7e-13)
12345	1970_1.R1040	lim(HMM:1.8e-12)
12346	4747_2.R1040	lim(HMM:2.2e-17)
12347	uC-gmropic020d02b1	lim(HMM:2.4e-07)
12348	68293_1.R1040	lim(HMM:2.8e-07)
12349	LIB3107-008-Q1-K1-D2	lim(HMM:3.1e-11)
12350	2457_1.R1040	lim(HMM:4.3e-14)
12351	191147_1.R1040	lim(HMM:6.2e-13)
12352	jsh701068964.h1	lim(HMM:6.3)
12353	1588_1.R1040	lim(HMM:7.4e-34)
12354	3_1.R1040	lim(HMM:7.5e-33)
12355	4747_1.R1040	lim(HMM:9.4e-18)
12356	19201_1.R1040	lim(HMM:9.8e-32)
12357	LIB3049-029-Q1-E1-G6	linker_histone(HMM:0.00018)
12358	jex700904284.h1	linker_histone(HMM:0.00018)
12359	3188_3.R1040	linker_histone(HMM:0.00076)
12360	kll701206107.h1	linker_histone(HMM:0.016)
12361	LIB3053-011-Q1-N1-F5	linker_histone(HMM:1.2e-05)
12362	21518_1.R1040	linker_histone(HMM:1.2e-21)
12363	121945_1.R1040	linker_histone(HMM:1.2e-33)
12364	21656_2.R1040	"linker_histone(HMM:1.5e-



		09),myb_dna-binding(HMM:0.34)"
12365	3188_1.R1040	linker_histone(HMM:1.7e-31)
12366	fC-gmse7000755389a1	linker_histone(HMM:1.8e-21)
12367	381_1.R1040	linker_histone(HMM:1.8e-24)
12368	12908_1.R1040	"linker_histone(HMM:1e-08),myb_dna-binding(HMM:0.0015)"
12369	8792_1.R1040	linker_histone(HMM:2.5e-22)
12370	2930_1.R1040	linker_histone(HMM:2.6e-36)
12371	2930_2.R1040	linker_histone(HMM:3.9e-36)
12372	3188_2.R1040	linker_histone(HMM:6.2e-32)
12373	21518_2.R1040	linker_histone(HMM:6.5e-22)
12374	381_2.R1040	linker_histone(HMM:8.6e-24)
12375	7409_1.R1040	linker_histone(HMM:8.8e-28)
12376	7409_2.R1040	linker_histone(HMM:9.2e-28)
12377	82419_1.R1040	linker_histone(HMM:9.9e-22)
12378	114555_1.R1040	myb_dna-binding(HMM:0.00017)
12379	21478_1.R1040	myb_dna-binding(HMM:0.00017)
12380	93066_1.R1040	myb_dna-binding(HMM:0.00021)
12381	21656_1.R1040	myb_dna-binding(HMM:0.00044)
12382	LIB3139-090-P1-N1-C11	myb_dna-binding(HMM:0.00047)
12383	LIB3170-055-Q1-K1-F10	myb_dna-binding(HMM:0.00051)
12384	130249_1.R1040	myb_dna-binding(HMM:0.00053)
12385	jex700907612.h1	myb_dna-binding(HMM:0.00069)
12386	ncj700985623.h1	myb_dna-binding(HMM:0.00073)
12387	zhf700955159.h1	myb_dna-binding(HMM:0.00084)
12388	kmv700739430.h1	myb_dna-binding(HMM:0.001)
12389	seb700649584.h1	myb_dna-binding(HMM:0.0012)
12390	29933_1.R1040	myb_dna-binding(HMM:0.0021)
12391	zzp700831485.h1	myb_dna-binding(HMM:0.0025)
12392	80674_1.R1040	myb_dna-binding(HMM:0.003)
12393	g5263160_FL	myb_dna-binding(HMM:0.0033)
12394	zhf700955837.h1	myb_dna-binding(HMM:0.0038)
12395	LIB3053-014-Q1-N1-B5	myb_dna-binding(HMM:0.0039)
12396	3217_8.R1040	myb_dna-binding(HMM:0.004)
12397	124449_1.R1040	myb_dna-binding(HMM:0.0049)
12398	30544_1.R1040	myb_dna-binding(HMM:0.0052)
12399	4876_4.R1040	myb_dna-binding(HMM:0.0062)
12400	epx701104710.h1	myb_dna-binding(HMM:0.0069)
12401	19607_2.R1040	myb_dna-binding(HMM:0.009)
12402	bth700846492.h1	myb_dna-binding(HMM:0.0091)
12403	105904_1.R1040	myb_dna-binding(HMM:0.0093)
12404	244467_1.R1040	myb_dna-binding(HMM:0.0098)

12405	13534_3.R1040	myb_dna-binding(HMM:0.013)
12406	86871_1.R1040	myb_dna-binding(HMM:0.019)
12407	LIB3028-053-Q1-B1-G10	myb_dna-binding(HMM:0.031)
12408	4560_1.R1040	myb_dna-binding(HMM:0.077)
12409	63926_1.R1040	myb_dna-binding(HMM:0.079)
12410	kmv700738944.h1	myb_dna-binding(HMM:0.089)
12411	rlr700896232.h1	myb_dna-binding(HMM:0.12)
12412	284071_1.R1040	myb_dna-binding(HMM:0.13)
12413	smc700750369.h1	myb_dna-binding(HMM:0.13)
12414	zhf700952682.h1	myb_dna-binding(HMM:0.19)
12415	awf700840104.h1	myb_dna-binding(HMM:0.3)
12416	zzp700831735.h1	myb_dna-binding(HMM:0.6)
12417	vwf700678561.h1	myb_dna-binding(HMM:0.71)
12418	bth700846742.h1	myb_dna-binding(HMM:0.87)
12419	4876_3.R1040	myb_dna-binding(HMM:0.97)
12420	96749_1.R1040	myb_dna-binding(HMM:1.1)
12421	LIB3139-094-P1-N1-H9	myb_dna-binding(HMM:1.1e-07)
12422	21478_2.R1040	myb_dna-binding(HMM:1.1e-33)
12423	180_1.R1040	myb_dna-binding(HMM:1.1e-40)
12424	1580_1.R1040	myb_dna-binding(HMM:1.1e-43)
12425	154770_1.R1040	myb_dna-binding(HMM:1.2e-14)
12426	20051_3.R1040	myb_dna-binding(HMM:1.2e-17)
12427	21478_3.R1040	myb_dna-binding(HMM:1.2e-26)
12428	357107_1.R1040	myb_dna-binding(HMM:1.2e-37)
12429	70949_1.R1040	myb_dna-binding(HMM:1.2e-59)
12430	uC-gmflminsoy044a10b1	myb_dna-binding(HMM:1.3e-09)
12431	seb700653418.h1	myb_dna-binding(HMM:1.3e-12)
12432	kll701213550.h1	myb_dna-binding(HMM:1.3e-20)
12433	84019_1.R1040	myb_dna-binding(HMM:1.4e-16)
12434	176584_1.R1040	myb_dna-binding(HMM:1.4e-20)
12435	34995_1.R1040	myb_dna-binding(HMM:1.4e-39)
12436	uC-gmropic018d09b1	myb_dna-binding(HMM:1.5)
12437	21460_1.R1040	myb_dna-binding(HMM:1.5e-10)
12438	uC-gmflminsoy117h06b1	myb_dna-binding(HMM:1.5e-16)
12439	kll701214851.h1	myb_dna-binding(HMM:1.5e-17)
12440	zsg701122944.h1	myb_dna-binding(HMM:1.5e-19)
12441	gsv701052317.h1	myb_dna-binding(HMM:1.5e-21)
12442	777_1.R1040	myb_dna-binding(HMM:1.5e-27)
12443	2141_1.R1040	myb_dna-binding(HMM:1.5e-43)
12444	48087_1.R1040	myb_dna-binding(HMM:1.6e-07)
12445	uC-gmropic013e04b1	myb_dna-binding(HMM:1.6e-12)
12446	180_2.R1040	myb_dna-binding(HMM:1.7)
12447	31738_1.R1040	myb_dna-binding(HMM:1.7e-05)
12448	awf700838727.h1	myb_dna-binding(HMM:1.7e-07)
12449	47105_3.R1040	myb_dna-binding(HMM:1.7e-17)
12450	g5606179	myb_dna-binding(HMM:1.9)
12451	71223_1.R1040	myb_dna-binding(HMM:1.9e-05)
12452	sat701005343.h1	myb_dna-binding(HMM:1.9e-06)
12453	9862_1.R1040	myb_dna-binding(HMM:1.9e-25)
12454	LIB3170-049-Q1-K2-B6	myb_dna-binding(HMM:1e-06)
12455	19360_1.R1040	myb_dna-binding(HMM:1e-40)
12456	24366_2.R1040	myb_dna-binding(HMM:1e-41)
12457	jC-gmro02910002f03a1	myb_dna-binding(HMM:1e-41)
12458	16930_2.R1040	myb_dna-binding(HMM:2.1e-12)

260476\_1.R1040  
19607\_1.R1040  
144489\_1.R1040  
rlr700896705.h1  
245623\_1.R1040  
47105\_2.R1040  
245483\_1.R1040  
62966\_2.R1040  
149248\_1.R1040  
75514\_1.R1040  
eep700867030.h1  
248951\_1.R1040  
jC-gmro02910020f04a1  
172305\_1.R1040  
3364\_2.R1040  
188397\_1.R1040  
112119\_1.R1040  
171008\_1.R1040  
96749\_2.R1040  
uC-gmrominsoy229c02b1  
sat701007423.h2  
zsg701123350.h1  
194126\_1.R1040  
pmv700890204.h1  
3217\_1.R1040  
LIB3051-078-Q1-K1-E6  
3864\_1.R1040  
uC-gmronoir056c06b1  
20030\_1.R1040  
775\_1.R1040  
180\_3.R1040  
24366\_1.R1040  
jC-gmro02910009c07a1  
780\_1.R1040  
fua701040606.h1  
LIB3039-030-Q1-E1-F11  
779\_1.R1040  
LIB3139-072-P1-N1-D11  
20051\_2.R1040  
jex700907805.h1  
247674\_1.R1040  
5100\_1.R1040  
zsg701129720.h1  
257832\_1.R1040  
7213\_2.R1040  
250760\_1.R1040  
LIB3139-114-P1-N1-H8  
2210\_1.R1040  
pmv700888167.h1  
107498\_1.R1040  
34995\_3.R1040  
LIB3109-021-Q1-K1-D10  
uC-gmrominsoy098d02b1  
42909\_1.R1040

myb\_dna-binding(HMM:2.1e-19)  
myb\_dna-binding(HMM:2.1e-38)  
myb\_dna-binding(HMM:2.2e-10)  
myb\_dna-binding(HMM:2.2e-20)  
myb\_dna-binding(HMM:2.2e-23)  
myb\_dna-binding(HMM:2.2e-35)  
myb\_dna-binding(HMM:2.3e-20)  
myb\_dna-binding(HMM:2.3e-26)  
myb\_dna-binding(HMM:2.3e-46)  
myb\_dna-binding(HMM:2.4e-06)  
myb\_dna-binding(HMM:2.4e-07)  
myb\_dna-binding(HMM:2.4e-12)  
myb\_dna-binding(HMM:2.5e-06)  
myb\_dna-binding(HMM:2.5e-07)  
myb\_dna-binding(HMM:2.5e-09)  
myb\_dna-binding(HMM:2.5e-20)  
myb\_dna-binding(HMM:2.6e-06)  
myb\_dna-binding(HMM:2.6e-12)  
myb\_dna-binding(HMM:2.6e-12)  
myb\_dna-binding(HMM:2.6e-16)  
myb\_dna-binding(HMM:2.7e-06)  
myb\_dna-binding(HMM:2.8e-05)  
myb\_dna-binding(HMM:2.8e-18)  
myb\_dna-binding(HMM:2e-08)  
myb\_dna-binding(HMM:2e-11)  
myb\_dna-binding(HMM:2e-19)  
myb\_dna-binding(HMM:2e-36)  
myb\_dna-binding(HMM:3.1e-05)  
myb\_dna-binding(HMM:3.1e-44)  
myb\_dna-binding(HMM:3.2e-45)  
myb\_dna-binding(HMM:3.4e-20)  
myb\_dna-binding(HMM:3.4e-42)  
myb\_dna-binding(HMM:3.5e-29)  
myb\_dna-binding(HMM:3.5e-42)  
myb\_dna-binding(HMM:3.6e-05)  
myb\_dna-binding(HMM:3.6e-20)  
myb\_dna-binding(HMM:3.6e-30)  
myb\_dna-binding(HMM:3.6e-37)  
myb\_dna-binding(HMM:3.7e-18)  
myb\_dna-binding(HMM:3.7e-19)  
myb\_dna-binding(HMM:3.7e-37)  
myb\_dna-binding(HMM:3.8)  
myb\_dna-binding(HMM:3.8e-07)  
myb\_dna-binding(HMM:3.8e-41)  
myb\_dna-binding(HMM:3.8e-41)  
myb\_dna-binding(HMM:3.9e-21)  
myb\_dna-binding(HMM:3.9e-35)  
myb\_dna-binding(HMM:3e-11)  
myb\_dna-binding(HMM:4.1e-17)  
myb\_dna-binding(HMM:4.1e-19)  
myb\_dna-binding(HMM:4.2e-16)  
myb\_dna-binding(HMM:4.3)  
myb\_dna-binding(HMM:4.3e-20)  
myb\_dna-binding(HMM:4.3e-26)

12513	LIB3139-094-P1-N1-C12	myb_dna-binding(HMM:4.5e-06)
12514	28901_1.R1040	myb_dna-binding(HMM:4.5e-18)
12515	jsh701066326.h1	myb_dna-binding(HMM:4.6e-14)
12516	118297_1.R1040	myb_dna-binding(HMM:4.8e-10)
12517	7213_1.R1040	myb_dna-binding(HMM:4.8e-20)
12518	1591_2.R1040	myb_dna-binding(HMM:4.8e-40)
12519	82562_1.R1040	myb_dna-binding(HMM:4.8e-40)
12520	176512_1.R1040	myb_dna-binding(HMM:4.9e-06)
12521	266605_1.R1040	myb_dna-binding(HMM:4.9e-07)
12522	59030_1.R1040	myb_dna-binding(HMM:4.9e-10)
12523	vwf700679623.h1	myb_dna-binding(HMM:4.9e-11)
12524	zhf700957658.h1	myb_dna-binding(HMM:4.9e-14)
12525	asn701138849.h1	myb_dna-binding(HMM:4e-14)
12526	139809_1.R1040	myb_dna-binding(HMM:4e-21)
12527	62966_1.R1040	myb_dna-binding(HMM:4e-41)
12528	257894_1.R1040	myb_dna-binding(HMM:4e-43)
12529	epx701106671.h1	myb_dna-binding(HMM:5.1e-05)
12530	LIB3028-034-Q1-B1-B10	myb_dna-binding(HMM:5.2e-07)
12531	57011_1.R1040	myb_dna-binding(HMM:5.3e-35)
12532	47105_1.R1040	myb_dna-binding(HMM:5.4e-09)
12533	1591_1.R1040	myb_dna-binding(HMM:5.4e-43)
12534	leu701150368.h1	myb_dna-binding(HMM:5.5e-23)
12535	uC-gmrominsoy223d02b1	myb_dna-binding(HMM:5.6)
12536	zzp700835878.h1	myb_dna-binding(HMM:5.8e-05)
12537	121488_1.R1040	myb_dna-binding(HMM:5.8e-09)
12538	203_1.R1040	myb_dna-binding(HMM:5.8e-19)
12539	crh700850631.h1	myb_dna-binding(HMM:5.9e-11)
12540	LIB3107-012-Q1-K1-H10	myb_dna-binding(HMM:5e-10)
12541	LIB3092-054-Q1-K1-A2	myb_dna-binding(HMM:6.1e-14)
12542	uC-gmrominsoy115e11b1	myb_dna-binding(HMM:6.1e-20)
12543	3364_1.R1040	myb_dna-binding(HMM:6.2e-10)
12544	9862_2.R1040	myb_dna-binding(HMM:6.2e-12)
12545	LIB3106-090-Q1-K1-F5	myb_dna-binding(HMM:6.7e-11)
12546	4876_1.R1040	myb_dna-binding(HMM:6.8e-10)
12547	302312_1.R1040	myb_dna-binding(HMM:6.9e-12)
12548	smc700745779.h1	myb_dna-binding(HMM:6e-05)
12549	71891_1.R1040	myb_dna-binding(HMM:7.2e-11)
12550	1908_3.R1040	myb_dna-binding(HMM:7.2e-42)
12551	80576_1.R1040	myb_dna-binding(HMM:7.4e-37)
12552	1580_2.R1040	myb_dna-binding(HMM:7.5e-10)
12553	LIB3028-027-Q1-B2-G6	myb_dna-binding(HMM:7.5e-12)
12554	21476_1.R1040	myb_dna-binding(HMM:7.6e-11)
12555	rca700999647.h1	myb_dna-binding(HMM:7.6e-12)
12556	4275_1.R1040	myb_dna-binding(HMM:7.6e-46)
12557	171890_1.R1040	myb_dna-binding(HMM:7.7e-19)
12558	LIB3109-053-Q1-K1-D12	myb_dna-binding(HMM:7.8e-06)
12559	80067_1.R1040	myb_dna-binding(HMM:7.8e-37)
12560	jsh701068223.h1	myb_dna-binding(HMM:8.3e-18)
12561	16930_1.R1040	myb_dna-binding(HMM:8.6e-05)
12562	65835_1.R1040	myb_dna-binding(HMM:8.8e-12)
12563	jex700906279.h1	myb_dna-binding(HMM:8.8e-17)
12564	20051_1.R1040	myb_dna-binding(HMM:8.8e-18)
12565	47105_4.R1040	myb_dna-binding(HMM:8.8e-35)
12566	776_1.R1040	myb_dna-binding(HMM:8e-40)

12567	64155_1.R1040	myb_dna-binding(HMM:9.3)
12568	jC-gmst02400009c05a1	myb_dna-binding(HMM:9.4e-10)
12569	1908_1.R1040	myb_dna-binding(HMM:9.4e-43)
12570	70302_1.R1040	myb_dna-binding(HMM:9.5e-11)
12571	6778_1.R1040	myb_dna-binding(HMM:9.6e-22)
12572	243023_1.R1040	myb_dna-binding(HMM:9.9e-20)
12573	222514_1.R1040	myb_dna-binding(HMM:9e-42)
12574	278162_1.R1040	nam(HMM:0.00026)
12575	LIB3092-021-Q1-K1-B7	nam(HMM:0.00061)
12576	txt700736976.h1	nam(HMM:0.0007)
12577	22509_1.R1040	nam(HMM:0.0011)
12578	15673_1.R1040	nam(HMM:0.002)
12579	jC-gmfl02220127e09a1	nam(HMM:0.0026)
12580	uC-gmropic061g02b1	nam(HMM:0.0028)
12581	950_3.R1040	nam(HMM:0.0035)
12582	LIB3051-085-Q1-K1-E5	nam(HMM:0.0047)
12583	fde700874479.h1	nam(HMM:0.005)
12584	107040_1.R1040	nam(HMM:0.016)
12585	50066_1.R1040	nam(HMM:0.017)
12586	83251_3.R1040	nam(HMM:0.017)
12587	LIB3138-042-Q1-N1-C2	nam(HMM:0.023)
12588	fua701041472.h1	nam(HMM:0.024)
12589	jex700907943.h1	nam(HMM:0.058)
12590	LIB3170-055-Q1-K1-C1	nam(HMM:0.08)
12591	pmv700890165.h1	nam(HMM:0.19)
12592	zsg701130443.h1	nam(HMM:0.25)
12593	62967_2.R1040	nam(HMM:1.1e-09)
12594	49984_1.R1040	nam(HMM:1.1e-39)
12595	34859_1.R1040	nam(HMM:1.1e-41)
12596	16783_6.R1040	nam(HMM:1.1e-81)
12597	214388_1.R1040	nam(HMM:1.2e-05)
12598	zsg701123582.h1	nam(HMM:1.2e-07)
12599	28563_1.R1040	nam(HMM:1.2e-83)
12600	950_2.R1040	nam(HMM:1.2e-84)
12601	20975_1.R1040	nam(HMM:1.3e-82)
12602	xpa700792796.h1	nam(HMM:1.4e-10)
12603	16783_2.R1040	nam(HMM:1.4e-33)
12604	191901_1.R1040	nam(HMM:1.5e-09)
12605	7262_1.R1040	nam(HMM:1.5e-71)
12606	209717_1.R1040	nam(HMM:1.6e-59)
12607	950_6.R1040	nam(HMM:1.7e-08)
12608	jex700903290.h1	nam(HMM:1.7e-08)
12609	sat701003436.h1	nam(HMM:1.7e-09)
12610	LIB3092-046-Q1-K1-D7	nam(HMM:1.7e-10)
12611	4749_3.R1040	nam(HMM:1.8e-73)
12612	4937_2.R1040	nam(HMM:1e-36)
12613	64148_1.R1040	nam(HMM:1e-43)
12614	183014_1.R1040	nam(HMM:1e-66)
12615	100436_1.R1040	nam(HMM:2.1e-07)
12616	31540_1.R1040	nam(HMM:2.1e-76)
12617	83251_6.R1040	nam(HMM:2.3e-06)
12618	LIB3028-036-Q1-B1-H1	nam(HMM:2.3e-41)
12619	jex700908442.h1	nam(HMM:2.4e-10)
12620	23655_1.R1040	nam(HMM:2.4e-88)

12621	zhf700954809.h1	nam(HMM:2.5e-18)
12622	2989_2.R1040	nam(HMM:2.5e-75)
12623	26446_1.R1040	nam(HMM:2.5e-76)
12624	ssr700555303.h1	nam(HMM:2.6e-08)
12625	75484_1.R1040	nam(HMM:2.8e-17)
12626	zlv700807675.h1	nam(HMM:2.8e-22)
12627	174243_1.R1040	nam(HMM:2.9e-05)
12628	950_1.R1040	nam(HMM:2.9e-84)
12629	LIB3170-071-Q1-J1-E9	nam(HMM:2e-06)
12630	7262_2.R1040	nam(HMM:3.1e-06)
12631	33057_1.R1040	nam(HMM:3.1e-20)
12632	4749_2.R1040	nam(HMM:3.1e-34)
12633	LIB3092-007-Q1-K1-G3	nam(HMM:3.3e-06)
12634	79728_1.R1040	nam(HMM:3.4e-89)
12635	100436_2.R1040	nam(HMM:3.5e-05)
12636	LIB3139-025-P1-N1-C11	nam(HMM:3.6e-20)
12637	117417_1.R1040	nam(HMM:3.7e-12)
12638	950_5.R1040	nam(HMM:3.7e-82)
12639	jC-gmfl02220086d01a1	nam(HMM:3.8e-14)
12640	171_25.R1040	nam(HMM:3.8e-33)
12641	LIB3051-016-Q1-E1-F9	nam(HMM:3.8e-33)
12642	72499_1.R1040	nam(HMM:3.9e-05)
12643	83251_1.R1040	nam(HMM:3e-10)
12644	2459_1.R1040	nam(HMM:3e-53)
12645	LIB3093-046-Q1-K1-A1	nam(HMM:4.1e-07)
12646	5121_1.R1040	nam(HMM:4.1e-08)
12647	4937_1.R1040	nam(HMM:4.1e-80)
12648	LIB3093-017-Q1-K2-C2	nam(HMM:4.2e-09)
12649	4937_3.R1040	nam(HMM:4.4e-06)
12650	fua701042317.h1	nam(HMM:4.4e-12)
12651	uC-gmrominsoy261a05b1	nam(HMM:4.5e-50)
12652	213051_1.R1040	nam(HMM:4.6e-15)
12653	zhf700963825.h1	nam(HMM:4.6e-20)
12654	16173_1.R1040	nam(HMM:4.6e-21)
12655	uC-gmflminsoy001f04b1	nam(HMM:4.6e-21)
12656	221624_1.R1040	nam(HMM:5.2e-08)
12657	crh700850986.h1	nam(HMM:5.4e-08)
12658	5442_1.R1040	nam(HMM:5.5e-09)
12659	LIB3056-003-Q1-N1-G7	nam(HMM:5.5e-43)
12660	LIB3167-002-Q1-K1-D9	nam(HMM:5.6e-25)
12661	4749_1.R1040	nam(HMM:5.6e-84)
12662	rlr700896888.h1	nam(HMM:5.7e-05)
12663	105492_1.R1040	nam(HMM:5.7e-36)
12664	27026_1.R1040	nam(HMM:5.8e-40)
12665	LIB3139-065-P1-N1-E3	nam(HMM:5.9e-22)
12666	trc700567730.h1	nam(HMM:5e-05)
12667	242869_1.R1040	nam(HMM:6)
12668	LIB3106-060-Q1-K1-E1	nam(HMM:6.2e-10)
12669	uC-gmrominsoy049d08b1	nam(HMM:6.3e-28)
12670	153402_1.R1040	nam(HMM:6.8e-09)
12671	LIB3170-078-Q1-K1-F10	nam(HMM:6.9)
12672	LIB3092-045-Q1-K1-A10	nam(HMM:7.2e-06)
12673	271883_1.R1040	nam(HMM:7.3e-11)
12674	4301_1.R1040	nam(HMM:7.4e-88)

12675	uC-gmrominsoy314f04b1	nam(HMM:7.8e-07)
12676	950_9.R1040	nam(HMM:7.9e-35)
12677	171_28.R1040	nam(HMM:8.1e-40)
12678	5121_2.R1040	nam(HMM:8.5e-78)
12679	21252_1.R1040	nam(HMM:8.5e-84)
12680	LIB3139-106-P1-N1-C7	nam(HMM:9.1e-10)
12681	uC-gmflminsoy052a04b1	nam(HMM:9.1e-10)
12682	171_12.R1040	nam(HMM:9.3e-42)
12683	2989_1.R1040	nam(HMM:9.3e-86)
12684	1957_4.R1040	nam(HMM:9.6e-24)
12685	135443_1.R1040	nap_family(HMM:0.00026)
12686	285699_1.R1040	nap_family(HMM:1.1e-09)
12687	614_1.R1040	nap_family(HMM:1.2e-141)
12688	614_2.R1040	nap_family(HMM:1.8e-135)
12689	rlr700899387.h1	nap_family(HMM:1.9e-07)
12690	614_4.R1040	nap_family(HMM:2.4e-16)
12691	119899_1.R1040	nap_family(HMM:2.6e-16)
12692	uC-gmrominsoy032d03b1	nap_family(HMM:4.8e-24)
12693	6106_1.R1040	nap_family(HMM:7.1e-05)
12694	13433_1.R1040	nap_family(HMM:7.9e-10)
12695	uC-gmflminsoy034g10b1	nap_family(HMM:9.7e-22)
12696	27490_1.R1040	phd(HMM:0.00012)
12697	fua701042662.h1	phd(HMM:0.00019)
12698	36243_1.R1040	phd(HMM:0.00042)
12699	uC-gmflminsoy049c10b1	phd(HMM:0.00057)
12700	193369_1.R1040	phd(HMM:0.00092)
12701	143342_1.R1040	phd(HMM:0.0011)
12702	26300_1.R1040	phd(HMM:0.0012)
12703	17364_1.R1040	phd(HMM:0.0098)
12704	283013_1.R1040	phd(HMM:0.016)
12705	txt700735931.h1	phd(HMM:0.057)
12706	105132_1.R1040	phd(HMM:0.063)
12707	g5342387	phd(HMM:0.066)
12708	44068_1.R1040	phd(HMM:0.068)
12709	10868_1.R1040	phd(HMM:0.079)
12710	170309_1.R1040	phd(HMM:0.088)
12711	awf700840012.h1	phd(HMM:0.1)
12712	178799_1.R1040	phd(HMM:0.11)
12713	43239_1.R1040	phd(HMM:0.11)
12714	zhf700953563.h1	phd(HMM:0.12)
12715	177071_1.R1040	phd(HMM:0.19)
12716	22589_1.R1040	phd(HMM:0.25)
12717	kmv700738858.h1	phd(HMM:0.32)
12718	92884_1.R1040	phd(HMM:0.61)
12719	LIB3074-020-Q1-E1-F7	phd(HMM:1.1e-06)
12720	gsv701051914.h1	phd(HMM:1.2e-05)
12721	25649_1.R1040	phd(HMM:1.2e-08)
12722	uC-gmrominsoy277f07b1	phd(HMM:1.2e-08)
12723	28814_1.R1040	"phd(HMM:1.2e-08),zf-c3hc4(HMM:0.0029)"
12724	187712_1.R1040	phd(HMM:1.3)
12725	uC-gmronoir030c05b1	phd(HMM:1.4e-05)
12726	199515_1.R1040	phd(HMM:1.4e-07)
12727	22750_1.R1040	phd(HMM:1.4e-11)





12782	6815_1.R1040	response_reg(HMM:8.5e-15)
12783	48962_1.R1040	response_reg(HMM:8.5e-16)
12784	wrg700792139.h1	response_reg(HMM:9.1e-07)
12785	LIB3138-130-Q1-N1-B4	response_reg(HMM:9.4e-05)
12786	241475_2.R1040	sbpb(HMM:0.00018)
12787	LIB3093-052-Q1-K1-H5	sbpb(HMM:0.00097)
12788	zzp700834064.h1	sbpb(HMM:0.0011)
12789	96796_1.R1040	sbpb(HMM:0.81)
12790	944_1.R1040	sbpb(HMM:1.2e-41)
12791	txt700734849.h1	sbpb(HMM:1.3e-38)
12792	271757_1.R1040	sbpb(HMM:2.6e-19)
12793	25838_1.R1040	sbpb(HMM:2.7e-42)
12794	zhf700959795.h1	sbpb(HMM:3.1e-36)
12795	241475_1.R1040	sbpb(HMM:3.8e-19)
12796	LIB3039-011-Q1-E1-G1	sbpb(HMM:4.1)
12797	4787_1.R1040	sbpb(HMM:4.5e-43)
12798	LIB3138-105-Q1-N1-F7	sbpb(HMM:5.7e-06)
12799	244791_1.R1040	scr(HMM:0.00034)
12800	17966_1.R1040	scr(HMM:0.00069)
12801	101957_1.R1040	scr(HMM:0.0023)
12802	142103_1.R1040	scr(HMM:0.0034)
12803	48649_2.R1040	scr(HMM:0.006)
12804	fC-gmfl700903946h1	scr(HMM:0.007)
12805	LIB3106-102-Q1-K1-C2	scr(HMM:0.0085)
12806	41704_1.R1040	scr(HMM:0.015)
12807	jC-gmfl02220090c02d1	scr(HMM:0.56)
12808	3547_1.R1040	scr(HMM:1.1e-151)
12809	ncj700975650.h1	scr(HMM:1.1e-31)
12810	121932_1.R1040	scr(HMM:1.3e-06)
12811	43691_1.R1040	scr(HMM:1.3e-09)
12812	80336_1.R1040	scr(HMM:1.3e-22)
12813	285340_1.R1040	scr(HMM:1.4e-05)
12814	8204_1.R1040	scr(HMM:1.4e-08)
12815	wrg700789403.h2	scr(HMM:1.4e-22)
12816	181714_1.R1040	scr(HMM:1.5e-05)
12817	LIB3028-021-Q1-B1-B5	scr(HMM:1.6e-10)
12818	19625_4.R1040	scr(HMM:1.8e-09)
12819	81164_1.R1040	scr(HMM:1.9e-106)
12820	1377_1.R1040	scr(HMM:1.9e-49)
12821	19582_1.R1040	scr(HMM:1e-14)
12822	rlr700900211.h1	scr(HMM:2.1e-12)
12823	7491_1.R1040	scr(HMM:2.1e-13)
12824	108854_1.R1040	scr(HMM:2.3e-11)
12825	19625_2.R1040	scr(HMM:2.3e-11)
12826	wrg700789643.h2	scr(HMM:2.4e-06)
12827	jex700908128.h1	scr(HMM:2.4e-08)
12828	19737_1.R1040	scr(HMM:2.4e-13)
12829	102573_1.R1040	scr(HMM:2.4e-47)
12830	33972_1.R1040	scr(HMM:2.5e-74)
12831	jex700904893.h1	scr(HMM:2.6e-10)
12832	48649_1.R1040	scr(HMM:2.6e-164)
12833	103055_1.R1040	scr(HMM:2.8e-06)
12834	kl1701204934.h1	scr(HMM:2e-09)
12835	vwf700676535.h1	scr(HMM:3.1e-15)

12836	102345_1.R1040	scr(HMM:3.2e-13)
12837	trc700565486.h1	scr(HMM:3.4e-13)
12838	sat701009339.h1	scr(HMM:3.4e-25)
12839	76507_1.R1040	scr(HMM:3.7e-24)
12840	27377_1.R1040	scr(HMM:3.8)
12841	LIB3138-015-Q1-N1-D12	scr(HMM:3.8e-26)
12842	g4292932	scr(HMM:3.9)
12843	19905_1.R1040	scr(HMM:3.9e-08)
12844	12831_1.R1040	scr(HMM:4.1e-121)
12845	76513_1.R1040	scr(HMM:4.1e-60)
12846	hrw701060534.h1	scr(HMM:4.2e-37)
12847	45639_1.R1040	scr(HMM:4.6e-08)
12848	78501_1.R1040	scr(HMM:4.6e-08)
12849	awf700837816.h1	scr(HMM:4.9e-20)
12850	fua701043180.h1	scr(HMM:4.9e-29)
12851	eep700867665.h1	scr(HMM:4e-05)
12852	uC-gmrominsoy171c07b1	scr(HMM:6.7e-06)
12853	dpv701099003.h1	scr(HMM:6.7e-27)
12854	25740_1.R1040	scr(HMM:6.8e-08)
12855	smc700749025.h1	scr(HMM:6.8e-10)
12856	58336_1.R1040	scr(HMM:6.8e-20)
12857	310076_1.R1040	scr(HMM:7.1e-08)
12858	LIB3051-047-Q1-K1-H7	scr(HMM:7.1e-15)
12859	27171_1.R1040	scr(HMM:7.8e-127)
12860	zzp700831503.h1	scr(HMM:7.9e-08)
12861	344207_1.R1040	scr(HMM:8.1e-06)
12862	47329_1.R1040	scr(HMM:8.1e-15)
12863	zzp700830681.h1	scr(HMM:8.4e-05)
12864	49946_1.R1040	scr(HMM:8.8e-15)
12865	xpa700795232.h1	scr(HMM:9.3e-14)
12866	12169_1.R1040	set(HMM:0.00026)
12867	pxt700942511.h1	set(HMM:0.0013)
12868	285750_1.R1040	set(HMM:0.002)
12869	wrg700790260.h2	set(HMM:0.44)
12870	LIB3051-019-Q1-E1-F3	set(HMM:1.2e-08)
12871	141239_1.R1040	set(HMM:1.3)
12872	75558_1.R1040	set(HMM:1.5e-43)
12873	uC-gmrominsoy039d12b1	set(HMM:1.6e-05)
12874	70310_1.R1040	set(HMM:2.3e-05)
12875	g5753642	set(HMM:2.7e-21)
12876	341694_1.R1040	set(HMM:2e-12)
12877	23495_1.R1040	set(HMM:5.5e-05)
12878	54288_1.R1040	set(HMM:6.7e-05)
12879	LIB3049-034-Q1-E1-G9	set(HMM:7.3)
12880	LIB3106-079-P1-K1-D1	set(HMM:7.5e-10)
12881	pxt700944139.h1	set(HMM:7.8e-12)
12882	74446_1.R1040	set(HMM:7.9e-43)
12883	zzp700835731.h1	set(HMM:8.3e-09)
12884	75008_1.R1040	set(HMM:8.4)
12885	zhf700961475.h1	snf2_n(HMM:0.00023)
12886	leu701148244.h1	snf2_n(HMM:0.00028)
12887	wrg700787754.h2	snf2_n(HMM:0.0071)
12888	uC-gmropic021h02b1	snf2_n(HMM:0.037)
12889	56644_1.R1040	snf2_n(HMM:0.041)

12890	LIB3170-081-Q1-J1-C11	snf2_n(HMM:0.042)
12891	142237_1.R1040	snf2_n(HMM:0.86)
12892	174356_1.R1040	snf2_n(HMM:1.1e-08)
12893	zhf700953331.h1	snf2_n(HMM:1.1e-29)
12894	34522_1.R1040	snf2_n(HMM:1.2e-08)
12895	ssr700560171.h1	snf2_n(HMM:1.2e-11)
12896	zhf700962560.h1	snf2_n(HMM:1.3e-05)
12897	uC-gmrominsoy142a11b1	snf2_n(HMM:1.4e-06)
12898	12919_1.R1040	snf2_n(HMM:1.5e-80)
12899	hyd700727294.h1	snf2_n(HMM:1.6e-06)
12900	uC-gmropic080c08b1	snf2_n(HMM:1.6e-22)
12901	102051_1.R1040	snf2_n(HMM:2.4e-05)
12902	150830_1.R1040	"snf2_n(HMM:2.5e-05),zf-c3hc4(HMM:7.3e-06)"
12903	wvk700686576.h1	snf2_n(HMM:2.5e-09)
12904	kll701210128.h1	snf2_n(HMM:2.5e-12)
12905	uxk700672450.h1	snf2_n(HMM:3.1)
12906	sat701010777.h1	snf2_n(HMM:4.4e-09)
12907	356297_1.R1040	snf2_n(HMM:4.5e-12)
12908	6670_1.R1040	snf2_n(HMM:4.6e-09)
12909	uC-gmropic071b06b1	snf2_n(HMM:6.2e-10)
12910	18586_1.R1040	snf2_n(HMM:6.4e-05)
12911	214744_1.R1040	snf2_n(HMM:6.5e-12)
12912	ssr700558535.h1	snf2_n(HMM:7.1e-06)
12913	1776_2.R1040	snf2_n(HMM:7.2e-95)
12914	jC-gmfl02220067h09a1	snf2_n(HMM:7.3e-05)
12915	dpv701101675.h1	snf2_n(HMM:7.3e-13)
12916	148395_1.R1040	srf-tf(HMM:0.0059)
12917	43586_3.R1040	srf-tf(HMM:0.12)
12918	3094_6.R1040	srf-tf(HMM:1.1e-06)
12919	142733_2.R1040	srf-tf(HMM:1.3e-15)
12920	186835_1.R1040	srf-tf(HMM:1.3e-15)
12921	376035_1.R1040	srf-tf(HMM:1.3e-35)
12922	1575_3.R1040	srf-tf(HMM:1.3e-36)
12923	zhf700958586.h1	srf-tf(HMM:1.3e-37)
12924	LIB3109-002-Q1-K1-F11	srf-tf(HMM:1.4e-24)
12925	jC-gmro02910037d08a1	srf-tf(HMM:1.5e-10)
12926	pmv700889004.h1	srf-tf(HMM:1.5e-10)
12927	15223_2.R1040	srf-tf(HMM:1.7e-16)
12928	148098_1.R1040	srf-tf(HMM:1.7e-35)
12929	kll701212768.h1	srf-tf(HMM:1.8e-14)
12930	21472_1.R1040	srf-tf(HMM:2.1e-31)
12931	LIB3027-008-Q1-B1-E1	srf-tf(HMM:2.1e-37)
12932	25698_1.R1040	srf-tf(HMM:2.3e-22)
12933	LIB3065-005-Q1-N1-B11	srf-tf(HMM:2.4)
12934	3077_1.R1040	srf-tf(HMM:2.4e-37)
12935	4672_1.R1040	srf-tf(HMM:2.6e-35)
12936	vzy700754169.h1	srf-tf(HMM:3.1e-19)
12937	ncj700979179.h1	srf-tf(HMM:3.2e-16)
12938	216137_1.R1040	srf-tf(HMM:3.4e-06)
12939	82602_1.R1040	srf-tf(HMM:3.9e-31)
12940	43586_4.R1040	srf-tf(HMM:3e-23)
12941	g4293793	srf-tf(HMM:3e-35)
12942	LIB3107-078-Q1-K1-H7	srf-tf(HMM:4.1e-30)

12943	1576_2.R1040	srf-tf(HMM:4.3e-37)
12944	3077_2.R1040	srf-tf(HMM:4.8e-21)
12945	LIB3093-027-Q1-K1-E9	srf-tf(HMM:4.9e-10)
12946	6994_1.R1040	srf-tf(HMM:4e-09)
12947	leu701147176.h1	srf-tf(HMM:5.2e-25)
12948	81673_1.R1040	srf-tf(HMM:5.3e-35)
12949	156980_1.R1040	srf-tf(HMM:5.6e-05)
12950	46096_1.R1040	srf-tf(HMM:5.7e-13)
12951	LIB3109-031-Q1-K1-F1	srf-tf(HMM:6.1e-35)
12952	35441_2.R1040	srf-tf(HMM:6.3e-15)
12953	kl1701214813.h1	srf-tf(HMM:6.9e-18)
12954	128341_2.R1040	srf-tf(HMM:7.1e-25)
12955	59748_1.R1040	srf-tf(HMM:7.2e-26)
12956	pcp700994373.h1	srf-tf(HMM:7.2e-33)
12957	15477_1.R1040	srf-tf(HMM:7.8e-27)
12958	32643_2.R1040	srf-tf(HMM:8e-36)
12959	epx701108616.h1	srf-tf(HMM:8e-37)
12960	trc700567764.h1	tbp(HMM:0.002)
12961	dvp701100555.h1	tbp(HMM:0.0086)
12962	617_2.R1040	tbp(HMM:1.3e-18)
12963	48606_1.R1040	tbp(HMM:1.3e-44)
12964	617_1.R1040	tbp(HMM:3e-81)
12965	LIB3138-088-P1-N1-C6	teo(HMM:0.00014)
12966	zhf700956403.h1	teo(HMM:0.003)
12967	g4292721	teo(HMM:0.0033)
12968	102330_1.R1040	teo(HMM:0.013)
12969	LIB3093-012-Q1-K1-E3	teo(HMM:0.051)
12970	g5606956	teo(HMM:1.4e-25)
12971	jC-gmle01810063f05a1	teo(HMM:1.5e-22)
12972	uC-gmflminsoy099a08b1	teo(HMM:1.6e-21)
12973	5448_2.R1040	teo(HMM:1.6e-35)
12974	5448_3.R1040	teo(HMM:1.6e-35)
12975	LIB3106-019-Q1-K1-B7	teo(HMM:1.7e-33)
12976	5448_6.R1040	teo(HMM:1.7e-34)
12977	hyd700725110.h1	teo(HMM:5.3)
12978	183520_1.R1040	teo(HMM:5.7e-05)
12979	5448_5.R1040	teo(HMM:5.9e-08)
12980	hyd700729312.h1	teo(HMM:6.1)
12981	awf700837637.h1	teo(HMM:6.2e-07)
12982	vwf700679824.h1	teo(HMM:6.5e-24)
12983	vzy700756889.h1	teo(HMM:6.6e-09)
12984	60123_1.R1040	teo(HMM:6.8e-37)
12985	33770_1.R1040	teo(HMM:7.4e-38)
12986	9933_1.R1040	teo(HMM:8.7e-13)
12987	60123_2.R1040	teo(HMM:9.7e-37)
12988	10561_1.R1040	tflis(HMM:5.3e-07)
12989	465_1.R1040	transcript_fac2(HMM:1.3e-58)
12990	bth700843928.h1	transcript_fac2(HMM:3.1e-10)
12991	68771_1.R1040	transcript_fac2(HMM:4.9e-17)
12992	pcp700995421.h1	trihelix(HMM:0.00017)
12993	17983_1.R1040	trihelix(HMM:0.00019)
12994	128010_1.R1040	trihelix(HMM:0.00037)
12995	209142_1.R1040	trihelix(HMM:0.00052)
12996	jC-gmst02400026g10d1	trihelix(HMM:0.0014)

12997	seb700653894.h1	trihelix(HMM:0.0035)
12998	12115_1.R1040	trihelix(HMM:0.0043)
12999	pxt700946369.h1	trihelix(HMM:0.026)
13000	eep700870423.h1	trihelix(HMM:0.04)
13001	wrg700787666.h2	trihelix(HMM:0.091)
13002	47689_1.R1040	trihelix(HMM:0.96)
13003	epx701105054.h1	trihelix(HMM:1.1)
13004	jC-gmfl02220053d12a1	trihelix(HMM:1.1e-10)
13005	111137_1.R1040	trihelix(HMM:1.1e-53)
13006	21208_1.R1040	trihelix(HMM:1.5e-47)
13007	22613_1.R1040	trihelix(HMM:1.6e-27)
13008	21514_2.R1040	trihelix(HMM:1.9e-13)
13009	48447_2.R1040	trihelix(HMM:2.1e-51)
13010	179118_1.R1040	trihelix(HMM:2.3e-11)
13011	21514_1.R1040	trihelix(HMM:2.5e-11)
13012	leu701147318.h1	trihelix(HMM:3.6e-09)
13013	awf700842639.h1	trihelix(HMM:3e-12)
13014	epx701104659.h1	trihelix(HMM:4e-05)
13015	leu701154819.h1	trihelix(HMM:4e-26)
13016	266337_2.R1040	trihelix(HMM:4e-36)
13017	48447_1.R1040	trihelix(HMM:5.8e-49)
13018	59136_1.R1040	trihelix(HMM:7.9e-08)
13019	266337_1.R1040	trihelix(HMM:8.6e-23)
13020	LIB3106-098-Q1-K1-A2	trihelix(HMM:9.3e-18)
13021	90535_2.R1040	wrky(HMM:0.00024)
13022	gsv701045076.h1	wrky(HMM:0.00031)
13023	zhf700955317.h1	wrky(HMM:0.00047)
13024	LIB3138-090-P1-N1-F6	wrky(HMM:0.00075)
13025	290580_1.R1040	wrky(HMM:0.00092)
13026	gsv701046755.h1	wrky(HMM:0.00094)
13027	131136_1.R1040	wrky(HMM:0.0013)
13028	uC-gmronoir041h05b1	wrky(HMM:0.0037)
13029	jC-gmro02910003h07a1	wrky(HMM:0.0039)
13030	33169_1.R1040	wrky(HMM:0.0055)
13031	g4291797	wrky(HMM:0.0062)
13032	fua701041506.h1	wrky(HMM:0.0064)
13033	uxk700667180.h1	wrky(HMM:0.0071)
13034	23922_4.R1040	wrky(HMM:0.014)
13035	26104_1.R1040	wrky(HMM:0.015)
13036	89815_1.R1040	wrky(HMM:0.017)
13037	kl1701212095.h1	wrky(HMM:0.02)
13038	g4396678	wrky(HMM:0.022)
13039	pmv700889362.h1	wrky(HMM:0.038)
13040	106626_2.R1040	wrky(HMM:0.044)
13041	49185_2.R1040	wrky(HMM:0.048)
13042	223518_1.R1040	wrky(HMM:0.089)
13043	75608_1.R1040	wrky(HMM:0.22)
13044	LIB3093-052-Q1-K1-F6	wrky(HMM:0.46)
13045	jC-gmro02910008b07a1	wrky(HMM:0.49)
13046	bth700848185.h1	wrky(HMM:0.61)
13047	32308_1.R1040	wrky(HMM:0.64)
13048	jC-gmfl02220142g12a1	wrky(HMM:1.1)
13049	jsh701063748.h1	wrky(HMM:1.1e-14)
13050	196699_1.R1040	wrky(HMM:1.1e-26)



13105	2719_1.R1040	wrky(HMM:8.6e-18)
13106	28262_1.R1040	wrky(HMM:8.8e-30)
13107	hrw701058294.h1	wrky(HMM:9.8e-08)
13108	LIB3028-028-Q1-B1-G1	"zf-b_box(HMM:0.00026),zf-constans(HMM:4.4e-35)"
13109	zhf700956765.h1	"zf-b_box(HMM:0.00039),zf-constans(HMM:6.1e-18)"
13110	5359_1.R1040	"zf-b_box(HMM:0.0018),zf-constans(HMM:1.9e-15)"
13111	80526_1.R1040	"zf-b_box(HMM:0.0037),zf-constans(HMM:3.4e-35)"
13112	24008_1.R1040	"zf-b_box(HMM:0.0051),zf-constans(HMM:4.7e-36)"
13113	63519_2.R1040	"zf-b_box(HMM:0.0088),zf-constans(HMM:2.4e-31)"
13114	32727_1.R1040	"zf-b_box(HMM:0.011),zf-constans(HMM:5.3e-42)"
13115	crh700850745.h1	"zf-b_box(HMM:0.012),zf-constans(HMM:2.3e-18)"
13116	zhf700953734.h1	"zf-b_box(HMM:0.012),zf-constans(HMM:2.3e-18)"
13117	6465_1.R1040	"zf-b_box(HMM:0.028),zf-constans(HMM:1.6e-38)"
13118	84114_1.R1040	"zf-b_box(HMM:0.03),zf-constans(HMM:1.3e-16)"
13119	32727_2.R1040	"zf-b_box(HMM:0.032),zf-constans(HMM:2.9e-40)"
13120	100383_1.R1040	"zf-b_box(HMM:0.035),zf-constans(HMM:1.1e-17)"
13121	32876_1.R1040	"zf-b_box(HMM:0.036),zf-constans(HMM:6.3e-32)"
13122	153249_1.R1040	"zf-b_box(HMM:0.052),zf-constans(HMM:1.1e-09)"
13123	100881_1.R1040	"zf-b_box(HMM:0.054),zf-constans(HMM:5.7e-32)"
13124	fde700875533.h1	"zf-b_box(HMM:0.057),zf-constans(HMM:1.7e-19)"
13125	102998_1.R1040	"zf-b_box(HMM:0.088),zf-constans(HMM:7.1e-09)"
13126	58708_1.R1040	"zf-b_box(HMM:0.094),zf-constans(HMM:9.4e-16)"
13127	4668_1.R1040	zf-c2h2(HMM:0.00019)
13128	LIB3109-031-Q1-K1-F7	zf-c2h2(HMM:0.00019)
13129	LIB3170-022-Q1-J1-A2	zf-c2h2(HMM:0.00079)
13130	g4282629	zf-c2h2(HMM:0.0011)
13131	35151_1.R1040	zf-c2h2(HMM:0.0012)
13132	46470_1.R1040	zf-c2h2(HMM:0.0012)
13133	46470_2.R1040	zf-c2h2(HMM:0.0012)
13134	LIB3049-035-Q1-E1-G5	zf-c2h2(HMM:0.0012)
13135	126225_1.R1040	zf-c2h2(HMM:0.0013)
13136	jC-gmle01810062b01a1	zf-c2h2(HMM:0.0014)
13137	320112_1.R1040	zf-c2h2(HMM:0.0019)
13138	15701_1.R1040	zf-c2h2(HMM:0.0022)
13139	185045_1.R1040	zf-c2h2(HMM:0.0024)

13140	LIB3170-040-Q1-K1-G1	zf-c2h2(HMM:0.0024)
13141	uC-gmrominsoy308h08b1	zf-c2h2(HMM:0.0024)
13142	LIB3051-092-Q1-K1-C4	zf-c2h2(HMM:0.0039)
13143	wvk700686436.h1	zf-c2h2(HMM:0.0056)
13144	asn701142852.h1	zf-c2h2(HMM:0.0072)
13145	uC-gmrominsoy187h05b1	zf-c2h2(HMM:0.008)
13146	62724_2.R1040	zf-c2h2(HMM:0.0089)
13147	kmv700743676.h1	zf-c2h2(HMM:0.0097)
13148	737_3.R1040	zf-c2h2(HMM:0.011)
13149	jC-gmro02910037d11a1	zf-c2h2(HMM:0.012)
13150	139232_2.R1040	zf-c2h2(HMM:0.016)
13151	18028_1.R1040	zf-c2h2(HMM:0.017)
13152	7478_2.R1040	zf-c2h2(HMM:0.018)
13153	18923_1.R1040	zf-c2h2(HMM:0.023)
13154	LIB3106-015-Q1-K1-B6	zf-c2h2(HMM:0.03)
13155	2708_1.R1040	zf-c2h2(HMM:0.041)
13156	zsg701129039.h1	zf-c2h2(HMM:0.047)
13157	sat701008812.h1	zf-c2h2(HMM:0.061)
13158	20563_1.R1040	zf-c2h2(HMM:0.062)
13159	34772_1.R1040	zf-c2h2(HMM:0.063)
13160	354384_1.R1040	zf-c2h2(HMM:0.064)
13161	7378_1.R1040	zf-c2h2(HMM:0.066)
13162	uC-gmronoir015a12b1	zf-c2h2(HMM:0.078)
13163	7378_2.R1040	zf-c2h2(HMM:0.1)
13164	gsv701051411.h1	zf-c2h2(HMM:1.2e-05)
13165	7478_1.R1040	zf-c2h2(HMM:1.2e-07)
13166	737_2.R1040	zf-c2h2(HMM:1.4e-09)
13167	uC-gmropic056a03b1	zf-c2h2(HMM:1.5e-06)
13168	18489_1.R1040	zf-c2h2(HMM:1.7e-30)
13169	18791_1.R1040	zf-c2h2(HMM:2.7e-08)
13170	66079_1.R1040	zf-c2h2(HMM:2.9e-06)
13171	uC-gmropic109h12b1	zf-c2h2(HMM:2.9e-13)
13172	153_2.R1040	zf-c2h2(HMM:2e-07)
13173	737_1.R1040	zf-c2h2(HMM:4.9e-09)
13174	153_1.R1040	zf-c2h2(HMM:5.3e-07)
13175	30114_1.R1040	zf-c2h2(HMM:6.1e-07)
13176	jC-gmfl02220053d11a1	zf-c2h2(HMM:6.7e-07)
13177	65816_1.R1040	zf-c2h2(HMM:9.6e-08)
13178	trc700565874.h1	zf-c3hc4(HMM:0.0001)
13179	LIB3051-009-Q1-E1-E7	zf-c3hc4(HMM:0.00011)
13180	kli701205427.h1	zf-c3hc4(HMM:0.00012)
13181	273_25.R1040	zf-c3hc4(HMM:0.00013)
13182	185394_1.R1040	zf-c3hc4(HMM:0.0002)
13183	crh700851994.h1	zf-c3hc4(HMM:0.00024)
13184	231037_1.R1040	zf-c3hc4(HMM:0.00025)
13185	35616_1.R1040	zf-c3hc4(HMM:0.00043)
13186	68597_1.R1040	zf-c3hc4(HMM:0.00045)
13187	dpv701097117.h1	zf-c3hc4(HMM:0.00053)
13188	46383_1.R1040	zf-c3hc4(HMM:0.00063)
13189	26577_1.R1040	zf-c3hc4(HMM:0.00072)
13190	86699_1.R1040	zf-c3hc4(HMM:0.00088)
13191	132183_1.R1040	zf-c3hc4(HMM:0.0011)
13192	LIB3051-030-Q1-K1-G5	zf-c3hc4(HMM:0.0012)
13193	uC-gmropic009b09b1	zf-c3hc4(HMM:0.0013)



13194	54776_1.R1040	zf-c3hc4(HMM:0.0016)
13195	LIB3139-031-P1-N1-H3	zf-c3hc4(HMM:0.003)
13196	79907_1.R1040	zf-c3hc4(HMM:0.0031)
13197	jC-gmle01810054b09a1	zf-c3hc4(HMM:0.0032)
13198	g4314048	zf-c3hc4(HMM:0.0034)
13199	119_4.R1040	zf-c3hc4(HMM:0.0035)
13200	310511_1.R1040	zf-c3hc4(HMM:0.0036)
13201	6551_1.R1040	zf-c3hc4(HMM:0.0037)
13202	crh700853019.h1	zf-c3hc4(HMM:0.0041)
13203	LIB3170-029-Q1-J1-B11	zf-c3hc4(HMM:0.005)
13204	171917_1.R1040	zf-c3hc4(HMM:0.0058)
13205	42612_1.R1040	zf-c3hc4(HMM:0.0068)
13206	smc700745011.h1	zf-c3hc4(HMM:0.0071)
13207	26812_2.R1040	zf-c3hc4(HMM:0.0077)
13208	99235_1.R1040	zf-c3hc4(HMM:0.0079)
13209	42381_1.R1040	zf-c3hc4(HMM:0.008)
13210	jC-gmst02400060f04d1	zf-c3hc4(HMM:0.009)
13211	19842_1.R1040	zf-c3hc4(HMM:0.0098)
13212	19150_1.R1040	zf-c3hc4(HMM:0.011)
13213	29230_1.R1040	zf-c3hc4(HMM:0.011)
13214	15218_1.R1040	zf-c3hc4(HMM:0.012)
13215	15218_2.R1040	zf-c3hc4(HMM:0.012)
13216	103882_1.R1040	zf-c3hc4(HMM:0.013)
13217	uC-gmrominsoy176h07b1	zf-c3hc4(HMM:0.013)
13218	161466_1.R1040	zf-c3hc4(HMM:0.015)
13219	292889_1.R1040	zf-c3hc4(HMM:0.016)
13220	21450_1.R1040	zf-c3hc4(HMM:0.017)
13221	16293_1.R1040	zf-c3hc4(HMM:0.018)
13222	60756_1.R1040	zf-c3hc4(HMM:0.02)
13223	194900_2.R1040	zf-c3hc4(HMM:0.021)
13224	59077_1.R1040	zf-c3hc4(HMM:0.021)
13225	3108_1.R1040	zf-c3hc4(HMM:0.024)
13226	57367_1.R1040	zf-c3hc4(HMM:0.025)
13227	132981_1.R1040	zf-c3hc4(HMM:0.026)
13228	26812_1.R1040	zf-c3hc4(HMM:0.026)
13229	36241_1.R1040	zf-c3hc4(HMM:0.027)
13230	LIB3106-064-Q1-K1-C12	zf-c3hc4(HMM:0.03)
13231	gsv701050091.h1	zf-c3hc4(HMM:0.031)
13232	116974_1.R1040	zf-c3hc4(HMM:0.035)
13233	pxt700944140.h1	zf-c3hc4(HMM:0.036)
13234	170870_1.R1040	zf-c3hc4(HMM:0.042)
13235	2079_1.R1040	zf-c3hc4(HMM:0.055)
13236	LIB3039-011-Q1-E1-A9	zf-c3hc4(HMM:0.065)
13237	LIB3050-022-Q1-K1-F8	zf-c3hc4(HMM:0.065)
13238	45621_1.R1040	"zf-c3hc4(HMM:0.07),zz(HMM:1e-05)"
13239	4147_1.R1040	zf-c3hc4(HMM:0.075)
13240	7073_1.R1040	zf-c3hc4(HMM:0.091)
13241	99503_1.R1040	zf-c3hc4(HMM:0.14)
13242	27215_1.R1040	zf-c3hc4(HMM:0.15)
13243	LIB3093-047-Q1-K1-B9	zf-c3hc4(HMM:0.18)
13244	LIB3139-037-P1-N1-B3	zf-c3hc4(HMM:0.18)
13245	194157_1.R1040	zf-c3hc4(HMM:0.24)

13246	LIB3087-010-Q1-K1-D12	zf-c3hc4(HMM:0.33)
13247	kl1701205017.h1	zf-c3hc4(HMM:0.44)
13248	122_7.R1040	zf-c3hc4(HMM:0.44)
13249	122_8.R1040	zf-c3hc4(HMM:0.44)
13250	122_9.R1040	zf-c3hc4(HMM:0.44)
13251	71978_1.R1040	zf-c3hc4(HMM:0.5)
13252	fde700875744.h1	zf-c3hc4(HMM:0.69)
13253	asn701142328.h1	zf-c3hc4(HMM:1.1)
13254	279503_1.R1040	zf-c3hc4(HMM:1.1e-05)
13255	1667_1.R1040	zf-c3hc4(HMM:1.1e-08)
13256	25430_1.R1040	zf-c3hc4(HMM:1.1e-08)
13257	47467_1.R1040	zf-c3hc4(HMM:1.2e-09)
13258	LIB3106-067-P1-K1-B9	zf-c3hc4(HMM:1.2e-09)
13259	82187_1.R1040	zf-c3hc4(HMM:1.2e-10)
13260	167545_1.R1040	zf-c3hc4(HMM:1.3e-10)
13261	260713_1.R1040	zf-c3hc4(HMM:1.3e-12)
13262	27599_1.R1040	zf-c3hc4(HMM:1.4e-08)
13263	285676_1.R1040	zf-c3hc4(HMM:1.4e-11)
13264	28688_1.R1040	zf-c3hc4(HMM:1.6e-05)
13265	LIB3050-004-Q1-E1-E5	zf-c3hc4(HMM:1.6e-07)
13266	pxt700946025.h1	zf-c3hc4(HMM:1.7e-09)
13267	awf700842735.h1	zf-c3hc4(HMM:1.7e-10)
13268	21692_1.R1040	zf-c3hc4(HMM:1.8e-07)
13269	174089_1.R1040	zf-c3hc4(HMM:1.9e-10)
13270	28062_1.R1040	zf-c3hc4(HMM:1.9e-10)
13271	81412_1.R1040	zf-c3hc4(HMM:1e-09)
13272	33145_1.R1040	zf-c3hc4(HMM:2.1e-11)
13273	smc700749192.h1	zf-c3hc4(HMM:2.2e-06)
13274	48122_1.R1040	zf-c3hc4(HMM:2.2e-08)
13275	30158_1.R1040	zf-c3hc4(HMM:2.4e-10)
13276	9815_1.R1040	zf-c3hc4(HMM:2.4e-11)
13277	47228_1.R1040	zf-c3hc4(HMM:2.5e-07)
13278	1991_2.R1040	zf-c3hc4(HMM:2.5e-08)
13279	315949_1.R1040	zf-c3hc4(HMM:2.6e-05)
13280	188190_1.R1040	zf-c3hc4(HMM:2.6e-07)
13281	45919_1.R1040	zf-c3hc4(HMM:2.6e-09)
13282	106140_1.R1040	zf-c3hc4(HMM:2.7e-05)
13283	236942_1.R1040	zf-c3hc4(HMM:2.7e-05)
13284	uC-gmronoir043d12b1	zf-c3hc4(HMM:2.7e-10)
13285	1827_2.R1040	zf-c3hc4(HMM:2.8e-06)
13286	1886_1.R1040	zf-c3hc4(HMM:2.8e-09)
13287	231498_1.R1040	zf-c3hc4(HMM:2.9e-12)
13288	3816_1.R1040	zf-c3hc4(HMM:2.9e-12)
13289	78700_1.R1040	zf-c3hc4(HMM:2.9e-12)
13290	jC-gmfl02220073g06d1	zf-c3hc4(HMM:2e-09)
13291	194900_1.R1040	zf-c3hc4(HMM:2e-10)
13292	494_1.R1040	zf-c3hc4(HMM:3.1e-12)
13293	26018_1.R1040	zf-c3hc4(HMM:3.2e-06)
13294	28804_1.R1040	zf-c3hc4(HMM:3.2e-08)
13295	4147_2.R1040	zf-c3hc4(HMM:3.2e-10)
13296	188798_1.R1040	zf-c3hc4(HMM:3.3e-08)
13297	seb700651467.h1	zf-c3hc4(HMM:3.3e-10)
13298	sat701008075.h1	zf-c3hc4(HMM:3.4e-05)
13299	jC-gmro02910025g05a1	zf-c3hc4(HMM:3.4e-10)

13300	46782_1.R1040	zf-c3hc4(HMM:3.4e-12)
13301	236721_1.R1040	zf-c3hc4(HMM:3.5e-13)
13302	78701_1.R1040	zf-c3hc4(HMM:3.6e-08)
13303	33941_1.R1040	zf-c3hc4(HMM:3.6e-11)
13304	26895_1.R1040	zf-c3hc4(HMM:3.8e-07)
13305	3772_1.R1040	zf-c3hc4(HMM:3.8e-09)
13306	81883_1.R1040	zf-c3hc4(HMM:3.8e-10)
13307	188211_1.R1040	zf-c3hc4(HMM:3e-06)
13308	48257_1.R1040	zf-c3hc4(HMM:3e-06)
13309	5003_1.R1040	zf-c3hc4(HMM:3e-09)
13310	LIB3051-014-Q1-E1-A8	zf-c3hc4(HMM:3e-09)
13311	122_11.R1040	zf-c3hc4(HMM:4.1)
13312	g4298640	zf-c3hc4(HMM:4.2e-11)
13313	uC-gmrominsoy111a03b1	zf-c3hc4(HMM:4.3e-07)
13314	18447_1.R1040	zf-c3hc4(HMM:4.3e-09)
13315	LIB3138-015-Q1-N2-E3	zf-c3hc4(HMM:4.4e-09)
13316	ssr700555461.h1	zf-c3hc4(HMM:4.4e-10)
13317	uC-gmflminsoy027c02b1	zf-c3hc4(HMM:4.4e-12)
13318	vwf700678783.h1	zf-c3hc4(HMM:4.4e-12)
13319	3816_2.R1040	zf-c3hc4(HMM:4.7e-11)
13320	382296_1.R1040	zf-c3hc4(HMM:4.7e-11)
13321	13937_1.R1040	zf-c3hc4(HMM:4.8e-10)
13322	312156_1.R1040	zf-c3hc4(HMM:4.8e-12)
13323	16576_1.R1040	zf-c3hc4(HMM:4.9e-05)
13324	LIB3170-060-Q1-J1-A6	zf-c3hc4(HMM:4.9e-08)
13325	1065_1.R1040	zf-c3hc4(HMM:4e-06)
13326	307024_1.R1040	zf-c3hc4(HMM:4e-09)
13327	jC-gmro02910019e01d1	zf-c3hc4(HMM:5.3e-07)
13328	1886_5.R1040	zf-c3hc4(HMM:5.3e-10)
13329	1886_6.R1040	zf-c3hc4(HMM:5.3e-10)
13330	g4297795	zf-c3hc4(HMM:5.3e-10)
13331	jC-gmfl02220056d04a1	zf-c3hc4(HMM:5.3e-10)
13332	jC-gmro02910027e02d1	zf-c3hc4(HMM:5.4e-10)
13333	21464_1.R1040	zf-c3hc4(HMM:5.4e-12)
13334	21464_3.R1040	zf-c3hc4(HMM:5.4e-12)
13335	62774_1.R1040	zf-c3hc4(HMM:5.6e-09)
13336	29855_1.R1040	zf-c3hc4(HMM:5.6e-11)
13337	42176_1.R1040	zf-c3hc4(HMM:5.7e-10)
13338	151455_1.R1040	zf-c3hc4(HMM:5.8e-11)
13339	119_1.R1040	zf-c3hc4(HMM:5.9e-06)
13340	LIB3051-018-Q1-E1-H3	zf-c3hc4(HMM:5.9e-06)
13341	LIB3107-055-Q1-K1-B3	zf-c3hc4(HMM:5e-06)
13342	16079_1.R1040	zf-c3hc4(HMM:5e-08)
13343	44528_1.R1040	zf-c3hc4(HMM:5e-09)
13344	52214_1.R1040	zf-c3hc4(HMM:5e-09)
13345	g5342446	zf-c3hc4(HMM:5e-11)
13346	122966_1.R1040	zf-c3hc4(HMM:6.2e-12)
13347	21466_1.R1040	zf-c3hc4(HMM:6.5e-11)
13348	94016_1.R1040	zf-c3hc4(HMM:6.8e-12)
13349	1886_3.R1040	zf-c3hc4(HMM:6e-09)
13350	18729_1.R1040	zf-c3hc4(HMM:7.1e-08)
13351	g4301519	zf-c3hc4(HMM:7.3e-05)
13352	319071_1.R1040	zf-c3hc4(HMM:7.5e-10)
13353	30175_1.R1040	zf-c3hc4(HMM:7.5e-11)

13354	12520_4.R1040	zf-c3hc4(HMM:7e-09)
13355	5671_1.R1040	zf-c3hc4(HMM:8.1e-09)
13356	LIB3050-011-Q1-E1-F6	zf-c3hc4(HMM:8.2e-06)
13357	112674_1.R1040	zf-c3hc4(HMM:8.3e-09)
13358	4770_1.R1040	zf-c3hc4(HMM:8.3e-11)
13359	97285_1.R1040	zf-c3hc4(HMM:8.4e-05)
13360	214172_1.R1040	zf-c3hc4(HMM:8.4e-07)
13361	66923_1.R1040	zf-c3hc4(HMM:8.4e-09)
13362	8682_1.R1040	zf-c3hc4(HMM:8.5e-12)
13363	zhf700960331.h1	zf-c3hc4(HMM:8.8e-11)
13364	ncj700978144.h1	zf-c3hc4(HMM:8.8e-13)
13365	18266_1.R1040	zf-c3hc4(HMM:8e-11)
13366	29438_1.R1040	zf-c3hc4(HMM:9.2e-09)
13367	kl1701205779.h1	zf-c3hc4(HMM:9.5e-12)
13368	1991_1.R1040	zf-c3hc4(HMM:9e-08)
13369	eep700869601.h1	zf-c4(HMM:9.1)
13370	110971_1.R1040	zf-ccch(HMM:0.0001)
13371	330437_1.R1040	zf-ccch(HMM:0.00011)
13372	uC-gmropic107e04b1	zf-ccch(HMM:0.00025)
13373	213640_1.R1040	zf-ccch(HMM:0.00038)
13374	15044_1.R1040	zf-ccch(HMM:0.00083)
13375	LIB3053-009-Q1-N1-E8	zf-ccch(HMM:0.0054)
13376	uC-gmflminsoy001e01b1	zf-ccch(HMM:0.014)
13377	15648_1.R1040	zf-ccch(HMM:0.026)
13378	15648_3.R1040	zf-ccch(HMM:0.026)
13379	186475_1.R1040	zf-ccch(HMM:0.029)
13380	16414_1.R1040	zf-ccch(HMM:0.031)
13381	26396_2.R1040	zf-ccch(HMM:0.05)
13382	368716_1.R1040	zf-ccch(HMM:0.19)
13383	110971_2.R1040	zf-ccch(HMM:0.29)
13384	14949_1.R1040	zf-ccch(HMM:0.43)
13385	31427_2.R1040	zf-ccch(HMM:1.3)
13386	7073_2.R1040	zf-ccch(HMM:1.5)
13387	LIB3051-008-Q1-E1-F7	zf-ccch(HMM:1.5e-05)
13388	6089_1.R1040	zf-ccch(HMM:1.5e-17)
13389	LIB3138-129-Q1-N1-C11	zf-ccch(HMM:1.6e-05)
13390	2754_2.R1040	zf-ccch(HMM:1.6e-06)
13391	67728_1.R1040	zf-ccch(HMM:1.8e-08)
13392	jC-gmle01810064c12a1	zf-ccch(HMM:1.9e-05)
13393	142596_1.R1040	zf-ccch(HMM:2.3e-07)
13394	26396_1.R1040	zf-ccch(HMM:3.2e-12)
13395	2754_1.R1040	zf-ccch(HMM:3.9e-07)
13396	148660_1.R1040	zf-ccch(HMM:7.2e-08)
13397	88051_1.R1040	zf-ccch(HMM:8.1e-07)
13398	33317_1.R1040	zf-ccch(HMM:8.3e-06)
13399	111528_1.R1040	zf-ccch(HMM:9.8e-10)
13400	3147_2.R1040	zf-cchc(HMM:0.00011)
13401	LIB3106-067-P1-K1-D6	zf-cchc(HMM:0.00025)
13402	3147_1.R1040	zf-cchc(HMM:0.00039)
13403	g5688335	zf-cchc(HMM:0.0014)
13404	LIB3049-042-Q1-E1-G10	zf-cchc(HMM:0.0016)
13405	184628_1.R1040	zf-cchc(HMM:0.0023)
13406	156800_1.R1040	zf-cchc(HMM:0.0066)
13407	LIB3050-023-Q1-K1-D8	zf-cchc(HMM:0.02)

13408	ncj700986851.h1	zf-cchc(HMM:0.022)
13409	2466_5.R1040	zf-cchc(HMM:0.027)
13410	LIB3170-072-Q1-J1-F8	zf-cchc(HMM:0.041)
13411	91390_1.R1040	zf-cchc(HMM:0.069)
13412	leu701157077.h1	zf-cchc(HMM:0.32)
13413	127824_1.R1040	zf-cchc(HMM:0.37)
13414	8476_11.R1040	zf-cchc(HMM:0.86)
13415	13755_1.R1040	zf-cchc(HMM:1.2e-05)
13416	LIB3040-014-Q1-E1-E11	zf-cchc(HMM:1.2e-05)
13417	10030_1.R1040	zf-cchc(HMM:1.3e-05)
13418	jsh701070043.h2	zf-cchc(HMM:1.5e-06)
13419	20435_1.R1040	zf-cchc(HMM:1.7e-07)
13420	6411_1.R1040	zf-cchc(HMM:1.8e-05)
13421	15107_1.R1040	zf-cchc(HMM:1e-10)
13422	LIB3138-090-P1-N1-A10	zf-cchc(HMM:2.1e-09)
13423	52374_1.R1040	zf-cchc(HMM:2.5e-12)
13424	2466_2.R1040	zf-cchc(HMM:3.3e-05)
13425	8476_2.R1040	zf-cchc(HMM:3.7e-10)
13426	g4290253	zf-cchc(HMM:3e-10)
13427	16466_1.R1040	zf-cchc(HMM:4.3e-20)
13428	95363_1.R1040	zf-cchc(HMM:4.4e-19)
13429	V4L-02-Q1-E1-E2	zf-cchc(HMM:4.7e-06)
13430	7964_1.R1040	zf-cchc(HMM:4.9e-52)
13431	uaw700663647.h1	zf-cchc(HMM:5.6e-09)
13432	zsg701117332.h1	zf-cchc(HMM:8.1e-09)
13433	crh700853319.h1	zf-cchc(HMM:8.7e-06)
13434	42986_1.R1040	zf-cchc(HMM:9.6e-06)
13435	LIB3056-003-Q1-N1-G10	zf-constans(HMM:0.013)
13436	64010_1.R1040	zf-constans(HMM:0.048)
13437	102998_2.R1040	zf-constans(HMM:0.095)
13438	24889_1.R1040	zf-constans(HMM:1.3e-14)
13439	LIB3094-087-Q1-K1-A12	zf-constans(HMM:1.3e-20)
13440	130452_1.R1040	zf-constans(HMM:1.4e-15)
13441	ncj700980420.h1	zf-constans(HMM:1.9e-08)
13442	70306_1.R1040	zf-constans(HMM:1e-19)
13443	100881_2.R1040	zf-constans(HMM:2.1e-09)
13444	49610_1.R1040	zf-constans(HMM:2.1e-13)
13445	LIB3106-009-Q1-K1-C11	zf-constans(HMM:2.1e-20)
13446	42069_1.R1040	zf-constans(HMM:2.4e-15)
13447	32727_7.R1040	zf-constans(HMM:2.7e-08)
13448	80526_2.R1040	zf-constans(HMM:3.3e-07)
13449	32727_3.R1040	zf-constans(HMM:3e-38)
13450	g5058157	zf-constans(HMM:5.1e-09)
13451	4208_1.R1040	zf-constans(HMM:5.5e-25)
13452	LIB3138-069-P1-N1-A9	zf-constans(HMM:6.2e-06)
13453	LIB3139-008-P1-N1-E4	zf-constans(HMM:6e-07)
13454	76255_1.R1040	zf-constans(HMM:6e-14)
13455	LIB3028-010-Q1-B1-A12	zf-constans(HMM:6e-14)
13456	67827_1.R1040	zf-mynd(HMM:0.001)
13457	223931_1.R1040	zf-mynd(HMM:0.0012)
13458	7099_1.R1040	zf-mynd(HMM:0.0064)
13459	26944_1.R1040	zf-mynd(HMM:1.2e-16)
13460	104436_2.R1040	zf-mynd(HMM:1.4e-06)
13461	309351_1.R1040	zf-mynd(HMM:1.5e-12)

13462	g4313946	zf-mynd(HMM:4e-09)
13463	LIB3049-052-Q1-E1-H7	zf-mynd(HMM:5.7e-05)
13464	25556_1.R1040	zf-mynd(HMM:8.7e-13)
13465	104436_1.R1040	zf-mynd(HMM:8.8e-16)
13466	asn701142782.h1	zf-nf-x1(HMM:0.097)
13467	uC-gmrominsoy205g06b1	zf-nf-x1(HMM:1.7e-07)
13468	uC-gmronoir010e01b1	zn_clus(HMM:0.00075)
13469	LIB3139-105-P1-N1-G5	zn_clus(HMM:2.4e-07)
13470	151593_1.R1040	zz(HMM:0.001)
13471	113319_1.R1040	zz(HMM:0.095)
13472	zhf700960153.h1	zz(HMM:0.14)
13473	7196_1.R1040	zz(HMM:0.42)
13474	29741_1.R1040	zz(HMM:1.2e-09)
13475	85562_1.R1040	zz(HMM:3.3e-11)
13476	zsg701121630.h1	zz(HMM:5.7e-13)
13477	178742_1.R1040	zz(HMM:8.5e-09)
13478	4806_1.R1040	zz(HMM:8.7e-07)

13462 13463 13464 13465 13466 13467 13468 13469 13470 13471 13472 13473 13474 13475 13476 13477 13478

Table 9. Transcription factors from soy

SEQ NUM	SEQ ID	family/method/E-value
13479	LIB3170-033-Q1-K1-B1.f3	14-3-3(HMM:0.00015)
13480	ncj700977467.h1.f3	14-3-3(HMM:0.0022)
13481	391_2.R1040.f2	14-3-3(HMM:0.0023)
13482	LIB3040-008-Q1-E1-D4.f1	14-3-3(HMM:0.0024)
13483	LIB3094-060-Q1-K1-E2.f2	14-3-3(HMM:0.047)
13484	488_2.R1040.f3	14-3-3(HMM:0.14)
13485	gsv701044857.h1.f2	14-3-3(HMM:1.1e-21)
13486	LIB3092-003-Q1-K1-G11.f1	14-3-3(HMM:1.1e-31)
13487	jC-gmst02400020g07a1.f1	14-3-3(HMM:1.2e-05)
13488	pmv700891610.h1.f1	14-3-3(HMM:1.2e-14)
13489	g5688049.f2	14-3-3(HMM:1.3)
13490	1352_6.R1040.f3	14-3-3(HMM:1.5e-05)
13491	leu701149301.h1.f3	14-3-3(HMM:1.5e-05)
13492	LIB3094-060-Q1-K1-D9.f2	14-3-3(HMM:1.5e-07)
13493	LIB3051-101-Q1-K1-B10.f2	14-3-3(HMM:1.5e-11)
13494	1352_13.R1040.f1	14-3-3(HMM:1.5e-15)
13495	g4396037.f2	14-3-3(HMM:1.5e-18)
13496	jex700908750.h1.f2	14-3-3(HMM:1.6e-13)
13497	fC-gmst700661063a3.f2	14-3-3(HMM:1.7e-06)
13498	LIB3092-034-Q1-K1-F9.f2	14-3-3(HMM:1.7e-07)
13499	LIB3094-072-Q1-K1-C6.f2	14-3-3(HMM:1.7e-24)
13500	LIB3028-005-Q1-B1-B10.f2	14-3-3(HMM:1e-22)
13501	LIB3106-054-Q1-K1-A4.f3	14-3-3(HMM:2.1e-09)
13502	wvk700681984.h1.f2	14-3-3(HMM:2.2e-07)
13503	uC-gmflminsoy100a11b1.f1	14-3-3(HMM:2e-16)
13504	seb700654252.h1.f2	14-3-3(HMM:2e-23)
13505	hrw701063321.h1.f1	14-3-3(HMM:2e-26)
13506	vwf700673717.h1.f1	14-3-3(HMM:3.1e-06)
13507	LIB3094-073-Q1-K1-C4.f3	14-3-3(HMM:3.1e-10)
13508	vzy700755182.h1.f1	14-3-3(HMM:3.1e-24)
13509	leu701148161.h1.f3	14-3-3(HMM:3.4e-09)
13510	vzy700754077.h1.f3	14-3-3(HMM:3.4e-10)
13511	zsg701123836.h1.f1	14-3-3(HMM:3.4e-16)
13512	uaw700666294.h1.f2	14-3-3(HMM:3.5e-37)
13513	213_7.R1040.f4	14-3-3(HMM:3.9e-46)
13514	LIB3040-061-Q1-E1-D10.f3	14-3-3(HMM:4.2e-06)
13515	gsv701053255.h1.f3	14-3-3(HMM:4.2e-14)
13516	391_1.R1040.f1	14-3-3(HMM:4.2e-180)
13517	smc700748260.h1.f2	14-3-3(HMM:4.2e-25)
13518	zhf700956003.h1.f1	14-3-3(HMM:4.3)
13519	smc700746076.h1.f1	14-3-3(HMM:4.4e-09)
13520	213_5.R1040.f6	14-3-3(HMM:4.4e-16)
13521	uC-gmropic018h09b1.f1	14-3-3(HMM:5.4e-18)
13522	g5753155.f2	14-3-3(HMM:5.4e-32)
13523	pmv700889571.h1.f1	14-3-3(HMM:5.7e-24)
13524	seb700652419.h1.f2	14-3-3(HMM:6.3e-11)
13525	asn701139613.h1.f1	14-3-3(HMM:6.7e-20)
13526	jex700905495.h1.f1	14-3-3(HMM:6.7e-20)
13527	1352_4.R1040.f2	14-3-3(HMM:6.8e-28)
13528	zsg701123883.h1.f1	14-3-3(HMM:6e-15)
13529	114137_1.R1040.f3	14-3-3(HMM:6e-169)
13530	1352_2.R1040.f2	14-3-3(HMM:6e-181)

13531	wvk700681991.h1.f2	14-3-3(HMM:7)
13532	LIB3051-099-Q1-K1-H7.f2	14-3-3(HMM:7.3e-08)
13533	9096_1.R1040.f1	14-3-3(HMM:7.3e-170)
13534	ncj700981162.h1.f3	14-3-3(HMM:7.5e-31)
13535	LIB3170-035-Q1-J1-B12.f6	14-3-3(HMM:8.3e-10)
13536	9096_2.R1040.f2	14-3-3(HMM:8.7e-05)
13537	486_1.R1040.f1	14-3-3(HMM:8.7e-168)
13538	smc700744868.h1.f1	14-3-3(HMM:9.4e-28)
13539	LIB3139-116-P1-N1-E7.f3	14-3-3(HMM:9.5e-09)
13540	141047_1.R1040.f2	ank(HMM:0.00012)
13541	102151_2.R1040.f3	ank(HMM:0.00016)
13542	18623_1.R1040.f1	ank(HMM:0.0002)
13543	LIB3138-060-Q1-N1-C7.f2	ank(HMM:0.00049)
13544	uaw700663354.h1.f3	ank(HMM:0.0023)
13545	jC-gmfl02220096f06a1.f4	ank(HMM:0.0032)
13546	21198_3.R1040.f3	ank(HMM:0.0041)
13547	302893_1.R1040.f1	ank(HMM:0.0064)
13548	28488_2.R1040.f2	ank(HMM:0.0067)
13549	gsv701055674.h1.f1	ank(HMM:0.0068)
13550	jC-gmle01810019e09a2.f2	ank(HMM:0.0081)
13551	30321_1.R1040.f3	ank(HMM:0.01)
13552	ncj700981286.h1.f2	ank(HMM:0.01)
13553	zzp700832793.h1.f1	ank(HMM:0.045)
13554	64556_1.R1040.f2	ank(HMM:0.051)
13555	57853_1.R1040.f3	ank(HMM:0.052)
13556	LIB3092-062-Q1-K1-D4.f1	ank(HMM:0.1)
13557	811_2.R1040.f1	ank(HMM:0.23)
13558	zhf700955213.h1.f2	ank(HMM:1.1e-09)
13559	315019_1.R1040.f3	ank(HMM:1.2e-06)
13560	42377_1.R1040.f3	ank(HMM:1.2e-20)
13561	98958_1.R1040.f2	ank(HMM:1.3e-06)
13562	27213_1.R1040.f2	ank(HMM:1.3e-17)
13563	2719_2.R1040.f3	ank(HMM:1.3e-17)
13564	56964_1.R1040.f3	ank(HMM:1.3e-34)
13565	112209_1.R1040.f1	ank(HMM:1.4e-07)
13566	asn701143257.h1.f2	ank(HMM:1.4e-13)
13567	LIB3028-009-Q1-B1-A6.f3	ank(HMM:1.5e-09)
13568	258910_1.R1040.f2	ank(HMM:1.5e-14)
13569	21198_1.R1040.f2	ank(HMM:1.6e-05)
13570	249570_1.R1040.f1	ank(HMM:1.6e-05)
13571	212569_1.R1040.f1	ank(HMM:1.7e-06)
13572	uC-gmropic061c09b1.f1	ank(HMM:1.8e-15)
13573	154634_1.R1040.f2	ank(HMM:1.9e-05)
13574	290_1.R1040.f3	ank(HMM:1.9e-48)
13575	LIB3087-005-Q1-K1-G2.f3	ank(HMM:1e-06)
13576	154822_1.R1040.f2	ank(HMM:2.1e-06)
13577	1833_1.R1040.f3	ank(HMM:2.2e-22)
13578	awf700838909.h1.f1	ank(HMM:2.3e-06)
13579	3923_1.R1040.f1	ank(HMM:2.3e-11)
13580	uxk700672139.h1.f3	ank(HMM:2.4e-07)
13581	1952_3.R1040.f1	ank(HMM:2.5e-17)
13582	180315_1.R1040.f1	ank(HMM:2.6e-35)
13583	295073_1.R1040.f1	ank(HMM:2.8e-16)
13584	4046_1.R1040.f1	ank(HMM:2.9e-11)



13585	185318_1.R1040.f2	ank(HMM:2.9e-21)
13586	102151_1.R1040.f3	ank(HMM:3.1e-41)
13587	155560_2.R1040.f2	ank(HMM:3.5e-15)
13588	192508_1.R1040.f3	ank(HMM:3.8e-06)
13589	10902_1.R1040.f3	ank(HMM:3.8e-08)
13590	27872_1.R1040.f1	ank(HMM:3.9e-20)
13591	4595_1.R1040.f2	ank(HMM:4.2e-08)
13592	LIB3109-053-Q1-K1-B5.f2	ank(HMM:4.4e-15)
13593	28488_1.R1040.f2	ank(HMM:4.7e-08)
13594	161435_1.R1040.f3	ank(HMM:4.9e-25)
13595	zsg701121545.h1.f2	ank(HMM:5.4e-10)
13596	42557_1.R1040.f2	ank(HMM:5e-11)
13597	LIB3107-079-Q1-K1-F6.f2	ank(HMM:6.6e-15)
13598	152077_1.R1040.f3	ank(HMM:6.7e-10)
13599	LIB3170-059-Q1-J1-C12.f5	ank(HMM:6.8e-08)
13600	88515_1.R1040.f6	ank(HMM:6.8e-19)
13601	1952_2.R1040.f1	ank(HMM:6.8e-43)
13602	811_1.R1040.f1	ank(HMM:6.9e-12)
13603	64539_1.R1040.f3	ank(HMM:7.2e-11)
13604	49612_1.R1040.f3	ank(HMM:7.8e-15)
13605	107998_1.R1040.f2	ank(HMM:8.5e-14)
13606	42804_1.R1040.f1	ank(HMM:8.6e-07)
13607	rca700998932.h1.f3	ank(HMM:8.7e-12)
13608	48688_1.R1040.f1	ank(HMM:8.8e-09)
13609	2420_1.R1040.f2	ank(HMM:8.8e-16)
13610	43163_1.R1040.f1	ank(HMM:9.3e-14)
13611	29901_1.R1040.f2	"ank(HMM:9.7e-08),btb(HMM:0.0079)"
13612	2989_1.R1040.f1	"ank(HMM:9.7e-08),btb(HMM:0.0079)"
13613	26379_1.R1040.f1	ank(HMM:9e-13)
13614	sat701013533.h1.f2	ap2-domain(HMM:0.00017)
13615	kli701208549.h1.f4	ap2-domain(HMM:0.00036)
13616	66501_1.R1040.f2	ap2-domain(HMM:0.00041)
13617	192611_1.R1040.f3	ap2-domain(HMM:0.00088)
13618	LIB3050-019-Q1-K1-B5.f1	ap2-domain(HMM:0.0022)
13619	25945_1.R1040.f2	ap2-domain(HMM:0.0025)
13620	jC-gmfl02220072c03a1.f2	ap2-domain(HMM:0.0031)
13621	zhf700963839.h1.f3	ap2-domain(HMM:0.0033)
13622	11571_2.R1040.f3	ap2-domain(HMM:0.0042)
13623	79348_2.R1040.f2	ap2-domain(HMM:0.0045)
13624	zpv700762317.h1.f1	ap2-domain(HMM:0.0056)
13625	uC-gmrominsoy273c02b1.f2	ap2-domain(HMM:0.009)
13626	1862_1.R1040.f1	ap2-domain(HMM:0.01)
13627	47336_1.R1040.f3	ap2-domain(HMM:0.019)
13628	38136_2.R1040.f1	ap2-domain(HMM:0.16)
13629	hyd700731193.h1.f3	ap2-domain(HMM:0.36)
13630	326823_1.R1040.f1	ap2-domain(HMM:0.39)
13631	jex700904559.h1.f2	ap2-domain(HMM:0.39)
13632	19313_2.R1040.f3	ap2-domain(HMM:0.44)
13633	177074_1.R1040.f1	ap2-domain(HMM:0.8)
13634	230382_1.R1040.f6	ap2-domain(HMM:0.88)
13635	smc700749507.h1.f1	ap2-domain(HMM:1.1)
13636	LIB3093-031-Q1-K1-D8.f1	ap2-domain(HMM:1.1e-08)

13637	1_1.R1040.f3	ap2-domain(HMM:1.1e-42)
13638	46661_1.R1040.f3	ap2-domain(HMM:1.1e-42)
13639	69857_1.R1040.f1	ap2-domain(HMM:1.2e-16)
13640	193678_1.R1040.f3	ap2-domain(HMM:1.2e-34)
13641	LIB3050-008-Q1-E1-F7.f1	ap2-domain(HMM:1.2e-38)
13642	195824_1.R1040.f2	ap2-domain(HMM:1.3e-22)
13643	dpv701102158.h1.f1	ap2-domain(HMM:1.3e-25)
13644	733_17.R1040.f3	ap2-domain(HMM:1.3e-37)
13645	1495_1.R1040.f3	ap2-domain(HMM:1.3e-40)
13646	19313_1.R1040.f2	ap2-domain(HMM:1.3e-41)
13647	253_1.R1040.f6	ap2-domain(HMM:1.4e-36)
13648	4947_1.R1040.f2	ap2-domain(HMM:1.4e-40)
13649	LIB3139-020-P1-N1-D12.f1	ap2-domain(HMM:1.5e-11)
13650	4575_4.R1040.f2	ap2-domain(HMM:1.5e-27)
13651	LIB3055-004-Q1-N1-D2.f1	ap2-domain(HMM:1.5e-28)
13652	1495_2.R1040.f3	ap2-domain(HMM:1.5e-40)
13653	kll701207375.h1.f3	ap2-domain(HMM:1.6e-11)
13654	gsv701054134.h1.f1	ap2-domain(HMM:1.7e-18)
13655	293335_1.R1040.f3	ap2-domain(HMM:1.7e-30)
13656	18006_1.R1040.f3	ap2-domain(HMM:1.7e-37)
13657	6007_1.R1040.f1	ap2-domain(HMM:1.7e-62)
13658	213082_1.R1040.f1	ap2-domain(HMM:1.8e-30)
13659	116814_1.R1040.f2	ap2-domain(HMM:1.8e-35)
13660	50908_2.R1040.f1	ap2-domain(HMM:1.8e-38)
13661	314831_1.R1040.f2	ap2-domain(HMM:1.9e-06)
13662	31846_2.R1040.f2	ap2-domain(HMM:1.9e-34)
13663	LIB3106-046-Q1-K1-E9.f3	ap2-domain(HMM:1e-24)
13664	65229_1.R1040.f3	ap2-domain(HMM:2.1e-16)
13665	LIB3139-106-P1-N1-D11.f1	ap2-domain(HMM:2.1e-29)
13666	63521_1.R1040.f1	ap2-domain(HMM:2.1e-34)
13667	18207_1.R1040.f1	ap2-domain(HMM:2.1e-38)
13668	207_1.R1040.f4	ap2-domain(HMM:2.1e-38)
13669	84428_1.R1040.f1	ap2-domain(HMM:2.1e-38)
13670	uC-gmrominsoy318d12b1.f5	ap2-domain(HMM:2.2e-19)
13671	jC-gmst02400014h03a1.f3	ap2-domain(HMM:2.2e-32)
13672	42548_1.R1040.f1	ap2-domain(HMM:2.2e-39)
13673	118859_1.R1040.f3	ap2-domain(HMM:2.3e-35)
13674	24098_1.R1040.f3	ap2-domain(HMM:2.3e-36)
13675	4575_1.R1040.f3	ap2-domain(HMM:2.3e-40)
13676	43102_1.R1040.f2	ap2-domain(HMM:2.4e-29)
13677	cle700967818.h1.f2	ap2-domain(HMM:2.5)
13678	5104_2.R1040.f3	ap2-domain(HMM:2.5e-29)
13679	79348_1.R1040.f2	ap2-domain(HMM:2.5e-36)
13680	1_2.R1040.f2	ap2-domain(HMM:2.6e-38)
13681	15301_2.R1040.f1	ap2-domain(HMM:2.6e-38)
13682	15301_1.R1040.f2	ap2-domain(HMM:2.7e-40)
13683	jC-gmle01810054h06a1.f2	ap2-domain(HMM:2.7e-40)
13684	125403_1.R1040.f2	ap2-domain(HMM:2.7e-41)
13685	LIB3106-057-Q1-K1-E2.f3	ap2-domain(HMM:2.9)
13686	224379_1.R1040.f2	ap2-domain(HMM:2e-28)
13687	g4283446.f1	ap2-domain(HMM:2e-30)
13688	LIB3139-034-P1-N1-E11.f1	ap2-domain(HMM:2e-31)
13689	pxt700943089.h1.f2	ap2-domain(HMM:3.2e-17)
13690	1600_1.R1040.f2	ap2-domain(HMM:3.2e-40)

13691	uC-gmflminsoy063h08b1.f3	ap2-domain(HMM:3.3)
13692	2450_14.R1040.f2	ap2-domain(HMM:3.3e-11)
13693	34631_1.R1040.f2	ap2-domain(HMM:3.5e-14)
13694	11571_1.R1040.f3	ap2-domain(HMM:3.5e-24)
13695	uC-gmrominsoy223h06b1.f2	ap2-domain(HMM:3.5e-25)
13696	117623_1.R1040.f2	ap2-domain(HMM:3.5e-34)
13697	kl1701209443.h1.f3	ap2-domain(HMM:3.6e-33)
13698	zsg701123296.h1.f3	ap2-domain(HMM:3.6e-39)
13699	213537_1.R1040.f1	ap2-domain(HMM:3.7e-08)
13700	LIB3139-073-P1-N1-F5.f1	ap2-domain(HMM:3.7e-32)
13701	42990_1.R1040.f2	ap2-domain(HMM:3.7e-40)
13702	1495_3.R1040.f3	ap2-domain(HMM:3.9e-39)
13703	asn701135882.h1.f3	ap2-domain(HMM:3e-26)
13704	122505_1.R1040.f1	ap2-domain(HMM:3e-36)
13705	286_1.R1040.f4	ap2-domain(HMM:3e-64)
13706	147410_1.R1040.f2	ap2-domain(HMM:4.2e-23)
13707	1409_1.R1040.f3	ap2-domain(HMM:4.2e-33)
13708	6295_1.R1040.f3	ap2-domain(HMM:4.2e-38)
13709	pcp700993575.h1.f1	ap2-domain(HMM:4.3e-26)
13710	2_1.R1040.f3	ap2-domain(HMM:4.4e-39)
13711	26582_1.R1040.f1	ap2-domain(HMM:4.4e-39)
13712	6400_1.R1040.f3	ap2-domain(HMM:4.5e-36)
13713	46251_1.R1040.f1	ap2-domain(HMM:4.6e-37)
13714	asn701140084.h1.f3	ap2-domain(HMM:4.7e-06)
13715	47329_1.R1040.f1	ap2-domain(HMM:4.8e-16)
13716	341417_1.R1040.f3	ap2-domain(HMM:4.8e-25)
13717	31846_1.R1040.f2	ap2-domain(HMM:4.9e-34)
13718	jC-gmle01810085a01a1.f2	ap2-domain(HMM:4e-31)
13719	zhf700951736.h1.f1	ap2-domain(HMM:5.2e-38)
13720	hrw701060463.h1.f3	ap2-domain(HMM:5.3e-34)
13721	1409_2.R1040.f2	ap2-domain(HMM:5.4e-32)
13722	332916_1.R1040.f3	ap2-domain(HMM:5.4e-37)
13723	110705_1.R1040.f3	ap2-domain(HMM:5.4e-39)
13724	58134_1.R1040.f1	ap2-domain(HMM:5.7e-21)
13725	23679_1.R1040.f3	ap2-domain(HMM:5.9e-39)
13726	4575_3.R1040.f2	ap2-domain(HMM:5e-20)
13727	5308_1.R1040.f3	ap2-domain(HMM:5e-40)
13728	5308_2.R1040.f3	ap2-domain(HMM:5e-40)
13729	gsv701053807.h1.f2	ap2-domain(HMM:6.1e-30)
13730	46538_1.R1040.f3	ap2-domain(HMM:6.4e-32)
13731	79938_1.R1040.f3	ap2-domain(HMM:6.4e-37)
13732	1600_2.R1040.f3	ap2-domain(HMM:6.5e-41)
13733	43102_2.R1040.f2	ap2-domain(HMM:6.7e-31)
13734	2450_5.R1040.f3	ap2-domain(HMM:6.7e-40)
13735	219031_1.R1040.f2	ap2-domain(HMM:6.9e-18)
13736	6295_2.R1040.f2	ap2-domain(HMM:6e-26)
13737	34051_1.R1040.f2	ap2-domain(HMM:6e-29)
13738	jC-gmro02910014e07a1.f3	ap2-domain(HMM:6e-32)
13739	114348_1.R1040.f1	ap2-domain(HMM:6e-41)
13740	eep700868056.h1.f2	ap2-domain(HMM:7.1e-05)
13741	LIB3050-020-Q1-K1-A1.f2	ap2-domain(HMM:7.1e-40)
13742	3957_1.R1040.f3	ap2-domain(HMM:7.1e-41)
13743	3957_2.R1040.f3	ap2-domain(HMM:7.1e-41)
13744	1409_5.R1040.f2	ap2-domain(HMM:7.3e-05)

13745	47228_1.R1040.f2	ap2-domain(HMM:7.4e-62)
13746	5104_1.R1040.f2	ap2-domain(HMM:7.5e-38)
13747	2450_11.R1040.f1	ap2-domain(HMM:7.6e-40)
13748	rlr700896269.h1.f2	ap2-domain(HMM:7.7e-05)
13749	zhf700954822.h1.f3	ap2-domain(HMM:7e-11)
13750	LIB3138-082-P1-N1-G11.f1	ap2-domain(HMM:7e-43)
13751	48528_1.R1040.f3	ap2-domain(HMM:8.1e-05)
13752	47336_3.R1040.f2	ap2-domain(HMM:8.1e-13)
13753	44265_1.R1040.f1	ap2-domain(HMM:8.2e-41)
13754	44666_1.R1040.f3	ap2-domain(HMM:8.2e-41)
13755	15329_1.R1040.f3	ap2-domain(HMM:8.4e-39)
13756	asn701139603.h1.f1	ap2-domain(HMM:8.5)
13757	1489_1.R1040.f1	ap2-domain(HMM:8.5e-41)
13758	1489_2.R1040.f3	ap2-domain(HMM:8.5e-41)
13759	274_1.R1040.f5	ap2-domain(HMM:8.6e-42)
13760	20672_1.R1040.f3	ap2-domain(HMM:8.7e-20)
13761	sat701012510.h1.f2	ap2-domain(HMM:8.7e-31)
13762	21492_1.R1040.f1	ap2-domain(HMM:8.8e-18)
13763	270136_1.R1040.f3	ap2-domain(HMM:8.9e-33)
13764	212_1.R1040.f2	ap2-domain(HMM:9.1e-34)
13765	32848_1.R1040.f2	ap2-domain(HMM:9.1e-40)
13766	6948_1.R1040.f1	ap2-domain(HMM:9.3e-37)
13767	2450_4.R1040.f3	ap2-domain(HMM:9.6e-40)
13768	50908_1.R1040.f3	ap2-domain(HMM:9.9e-39)
13769	kl1701209890.h1.f3	ap2-domain(HMM:9e-38)
13770	15329_2.R1040.f2	ap2-domain(HMM:9e-39)
13771	LIB3109-015-Q1-K1-G9.f3	arf(HMM:0.00037)
13772	zhf700960825.h1.f2	"arf(HMM:0.00049),b3(HMM:5e-05)"
13773	38136_3.R1040.f2	"arf(HMM:0.00059),b3(HMM:6.8e-41)"
13774	uC-gmropic022d12b1.f2	arf(HMM:0.00072)
13775	LIB3093-002-Q1-K1-F7.f3	arf(HMM:0.0008)
13776	zzp700834194.h1.f1	"arf(HMM:0.00094),b3(HMM:1.8e-14)"
13777	3137_3.R1040.f1	arf(HMM:0.054)
13778	leu701152936.h1.f1	"arf(HMM:0.12),b3(HMM:0.59)"
13779	eep700870331.h1.f2	"arf(HMM:0.29),b3(HMM:1.4e-16)"
13780	110702_1.R1040.f1	arf(HMM:0.31)
13781	15353_1.R1040.f1	arf(HMM:1.1e-08)
13782	116829_1.R1040.f2	arf(HMM:1.2e-08)
13783	148191_1.R1040.f1	arf(HMM:1.3)
13784	vwf700678824.h1.f3	arf(HMM:1.3e-07)
13785	ncj700981181.h1.f1	arf(HMM:1.3e-18)
13786	trc700566829.h1.f2	arf(HMM:1.4e-08)
13787	LIB3055-001-Q1-B1-B1.f2	arf(HMM:1.4e-25)
13788	3137_2.R1040.f3	"arf(HMM:1.4e-61),b3(HMM:5.5e-23)"
13789	uC-gmflminsoy022c02b1.f3	arf(HMM:1.5)
13790	3137_1.R1040.f2	"arf(HMM:1.7e-166),b3(HMM:2.3e-60)"
13791	jC-gmfl02220082g03d1.f3	"arf(HMM:1.8),b3(HMM:5.4e-11)"

13792	jC-gmfl02220089g07a1.f2	"arf(HMM:2.1e-10),b3(HMM:1.5e-14)"
13793	leu701155410.h1.f3	arf(HMM:2.2)
13794	212197_1.R1040.f1	arf(HMM:2.2e-06)
13795	uC-gmrominsoy047b05b1.f1	arf(HMM:2.3e-05)
13796	g5510202.f1	"arf(HMM:2.4e-07),b3(HMM:2.3e-10)"
13797	uC-gmropic005h09b1.f1	arf(HMM:2.6e-39)
13798	101468_1.R1040.f3	arf(HMM:2.7e-15)
13799	txt700733055.h1.f2	"arf(HMM:2.9e-05),b3(HMM:0.00015)"
13800	3472_1.R1040.f1	"arf(HMM:2.9e-187),b3(HMM:4.8e-54),iaa(HMM:2.5e-39)"
13801	378384_1.R1040.f2	arf(HMM:2e-19)
13802	82885_1.R1040.f2	arf(HMM:2e-19)
13803	18865_1.R1040.f1	arf(HMM:2e-31)
13804	68059_1.R1040.f3	arf(HMM:3.3e-17)
13805	sat701011201.h1.f2	"arf(HMM:3.6e-07),b3(HMM:0.00019)"
13806	g4306688.f3	"arf(HMM:3.8e-16),b3(HMM:1.5e-07)"
13807	uC-gmropic034b09b1.f2	arf(HMM:3.9e-09)
13808	xzm700763862.h1.f3	arf(HMM:3e-07)
13809	ncj700981106.h1.f2	arf(HMM:4.3e-20)
13810	218459_1.R1040.f2	arf(HMM:4.4e-13)
13811	22209_1.R1040.f3	"arf(HMM:4.9),iaa(HMM:2.8e-36)"
13812	ekl700968235.h1.f3	"arf(HMM:4.9e-26),b3(HMM:0.29)"
13813	16506_1.R1040.f1	arf(HMM:4e-05)
13814	63154_1.R1040.f3	arf(HMM:6.4e-20)
13815	172453_1.R1040.f3	arf(HMM:6e-15)
13816	uC-gmrominsoy315f07b1.f3	arf(HMM:6e-23)
13817	uC-gmrominsoy313f09b1.f3	"arf(HMM:7.3e-05),b3(HMM:1.7e-28)"
13818	65621_1.R1040.f2	"arf(HMM:7.3e-05),iaa(HMM:6.1e-36)"
13819	135549_1.R1040.f2	arf(HMM:7.9e-17)
13820	jex700909695.h1.f2	arf(HMM:8.3e-23)
13821	LIB3109-001-Q1-K1-C2.f3	"arf(HMM:9.7e-15),b3(HMM:5.6e-25)"
13822	uxk700672851.h1.f2	arf(HMM:9.8e-08)
13823	158599_1.R1040.f1	arf(HMM:9.8e-35)
13824	uC-gmronoir046b05b1.f3	"arf(HMM:9.9e-19),b3(HMM:1.8e-22)"
13825	wrg700786710.h2.f2	arid(HMM:0.00069)
13826	223889_1.R1040.f2	arid(HMM:0.0081)
13827	4845_1.R1040.f1	arid(HMM:0.011)
13828	136619_1.R1040.f2	arid(HMM:2.2e-06)
13829	136619_2.R1040.f1	arid(HMM:3.4)
13830	214623_1.R1040.f3	arid(HMM:5.8e-11)
13831	205088_1.R1040.f1	arid(HMM:8.6)
13832	ncj700982935.h1.f2	athook(HMM:0.023)

13833	g4437059.f2	athook(HMM:0.029)
13834	332814_1.R1040.f3	b3(HMM:0.00013)
13835	299404_1.R1040.f2	b3(HMM:1.7e-64)
13836	uxk700668877.h1.f3	b3(HMM:2.1e-07)
13837	120032_1.R1040.f3	b3(HMM:3.7e-66)
13838	zvp700764284.h1.f2	b3(HMM:3e-13)
13839	txt700737102.h1.f3	b3(HMM:5.1e-08)
13840	24842_1.R1040.f2	bah(HMM:0.00022)
13841	epx701103702.h1.f1	bah(HMM:0.00037)
13842	43673_2.R1040.f2	bah(HMM:0.002)
13843	kl1701203247.h1.f1	bah(HMM:1.1e-07)
13844	4392_1.R1040.f2	"bah(HMM:1.1e-39),phd(HMM:2.5e-05)"
13845	358918_1.R1040.f1	bah(HMM:1.3e-07)
13846	59235_1.R1040.f2	"bah(HMM:1.7e-38),phd(HMM:5.7e-12)"
13847	jC-gmfl02220061f06a1.f3	bah(HMM:1.9e-14)
13848	137966_1.R1040.f2	bah(HMM:2.4e-10)
13849	23398_1.R1040.f3	bah(HMM:5.5e-23)
13850	43673_1.R1040.f3	bah(HMM:7.6e-23)
13851	LIB3051-009-Q1-E1-A6.f3	bpf-1(HMM:0.0039)
13852	pxt700944554.h1.f2	bpf-1(HMM:1.5e-14)
13853	322857_1.R1040.f5	bpf-1(HMM:2.2e-15)
13854	jC-gmfl02220071d10a1.f3	bpf-1(HMM:2.2e-20)
13855	eep700865834.h1.f3	bpf-1(HMM:2e-16)
13856	kl1701213520.h1.f3	bpf-1(HMM:2e-49)
13857	jC-gmro02910008g09a1.f2	bpf-1(HMM:2e-53)
13858	149339_1.R1040.f1	bpf-1(HMM:3.2e-16)
13859	2577_1.R1040.f2	bpf-1(HMM:3e-101)
13860	47866_1.R1040.f1	"bpf-1(HMM:4.8e-09),myb_dna-binding(HMM:0.045)"
13861	27100_1.R1040.f3	bpf-1(HMM:5.3e-05)
13862	27754_1.R1040.f2	bpf-1(HMM:5.6e-06)
13863	hrw701063373.h1.f3	bpf-1(HMM:6.6e-14)
13864	26870_1.R1040.f2	bpf-1(HMM:6.7e-06)
13865	250806_1.R1040.f3	bromodomain(HMM:0.00042)
13866	sat701014987.h1.f2	bromodomain(HMM:0.002)
13867	fua701039095.h1.f1	bromodomain(HMM:0.0044)
13868	6361_1.R1040.f3	bromodomain(HMM:0.0047)
13869	jC-gmst02400067f07d1.f4	bromodomain(HMM:0.078)
13870	LIB3051-084-Q1-K1-H7.f2	bromodomain(HMM:0.34)
13871	46082_1.R1040.f1	bromodomain(HMM:1.3e-05)
13872	5611_1.R1040.f1	bromodomain(HMM:2.2e-25)
13873	19322_1.R1040.f3	bromodomain(HMM:2.5e-33)
13874	330421_1.R1040.f1	bromodomain(HMM:2.8e-11)
13875	32930_1.R1040.f2	bromodomain(HMM:2.9e-22)
13876	g4295717.f2	bromodomain(HMM:4.5e-20)
13877	jC-gmro02800033a08a1.f3	bromodomain(HMM:8.4)
13878	121490_1.R1040.f2	bromodomain(HMM:9e-06)
13879	uC-gmropic106h11b1.f2	btb(HMM:0.00057)
13880	LIB3056-012-Q1-N1-E9.f1	btb(HMM:0.00069)
13881	2639_1.R1040.f1	btb(HMM:0.00077)
13882	71950_1.R1040.f3	btb(HMM:0.0016)
13883	kmv700742778.h1.f1	btb(HMM:0.0039)

13884	15535_2.R1040.f1	btb(HMM:0.0055)
13885	2639_2.R1040.f1	btb(HMM:0.0075)
13886	2639_2.R1040.f1	btb(HMM:0.039)
13887	21614_1.R1040.f1	btb(HMM:1.1e-32)
13888	25562_2.R1040.f2	btb(HMM:1.2)
13889	15236_2.R1040.f3	btb(HMM:1.4e-05)
13890	uC-gmflminsoy027c07b1.f2	btb(HMM:1.4e-06)
13891	106512_1.R1040.f2	btb(HMM:2.3e-05)
13892	149168_1.R1040.f3	btb(HMM:2.9e-09)
13893	16847_1.R1040.f2	btb(HMM:2e-24)
13894	15079_1.R1040.f1	btb(HMM:5.5e-28)
13895	25562_1.R1040.f3	btb(HMM:7.7e-06)
13896	141566_1.R1040.f3	btb(HMM:7.7e-10)
13897	20070_1.R1040.f2	btb(HMM:8.3e-27)
13898	26649_1.R1040.f3	btb(HMM:9.2e-10)
13899	24017_1.R1040.f3	btb(HMM:9.6e-21)
13900	uC-gmrominsoy109d01b1.f3	bzip(HMM:0.00015)
13901	110559_1.R1040.f1	bzip(HMM:0.00069)
13902	27330_1.R1040.f3	bzip(HMM:0.00099)
13903	19593_2.R1040.f2	bzip(HMM:0.001)
13904	94732_1.R1040.f2	bzip(HMM:0.0012)
13905	LIB3138-098-P1-N1-A10.f1	bzip(HMM:0.0013)
13906	191779_1.R1040.f3	bzip(HMM:0.0016)
13907	70779_1.R1040.f1	bzip(HMM:0.0017)
13908	1411_1.R1040.f3	bzip(HMM:0.0022)
13909	4565_3.R1040.f3	bzip(HMM:0.0022)
13910	jC-gmro02800043g12a1.f2	bzip(HMM:0.0022)
13911	g5606705.f2	bzip(HMM:0.0039)
13912	70129_1.R1040.f3	bzip(HMM:0.0047)
13913	jC-gmro02910074b08a1.f2	bzip(HMM:0.025)
13914	LIB3093-019-Q1-K1-A6.f2	bzip(HMM:0.059)
13915	LIB3056-014-Q1-N1-C12.f3	bzip(HMM:0.066)
13916	173_1.R1040.f2	bzip(HMM:0.074)
13917	LIB3093-004-Q1-K1-E9.f3	bzip(HMM:0.094)
13918	LIB3039-017-Q1-E1-D3.f2	bzip(HMM:0.17)
13919	1949_2.R1040.f1	bzip(HMM:0.22)
13920	21475_1.R1040.f2	bzip(HMM:0.91)
13921	epx701103732.h1.f1	bzip(HMM:1.1)
13922	19593_1.R1040.f1	bzip(HMM:1.1e-06)
13923	leu701149088.h1.f3	bzip(HMM:1.3)
13924	69_3.R1040.f3	bzip(HMM:1.3e-22)
13925	27563_1.R1040.f2	bzip(HMM:1.4e-13)
13926	g1905784_FL.f3	bzip(HMM:1.7e-19)
13927	1210_1.R1040.f1	bzip(HMM:1.8e-11)
13928	545_1.R1040.f2	bzip(HMM:2.1e-21)
13929	545_2.R1040.f1	bzip(HMM:2.1e-21)
13930	21448_1.R1040.f3	bzip(HMM:2.2e-14)
13931	62449_1.R1040.f3	bzip(HMM:2.3e-14)
13932	20595_1.R1040.f3	bzip(HMM:2.3e-15)
13933	2085_2.R1040.f3	bzip(HMM:2.3e-16)
13934	2085_1.R1040.f2	bzip(HMM:2.6e-16)
13935	339670_1.R1040.f3	bzip(HMM:2.9e-14)
13936	2897_1.R1040.f3	bzip(HMM:2e-09)
13937	2271_2.R1040.f1	bzip(HMM:3.4e-10)

13938	g4303675.f4	bzip(HMM:3.6e-07)
13939	149_1.R1040.f3	bzip(HMM:3.8e-11)
13940	2085_3.R1040.f1	bzip(HMM:3.8e-14)
13941	758_5.R1040.f3	bzip(HMM:3e-05)
13942	618_1.R1040.f3	bzip(HMM:5.1e-07)
13943	seb700651877.h1.f2	bzip(HMM:5.3e-11)
13944	LIB3138-011-Q1-N1-D6.f2	bzip(HMM:5.7e-08)
13945	758_1.R1040.f2	bzip(HMM:6.1e-17)
13946	758_2.R1040.f1	bzip(HMM:6.1e-17)
13947	23329_1.R1040.f2	bzip(HMM:6.2e-06)
13948	82120_1.R1040.f3	bzip(HMM:6.5e-13)
13949	1949_1.R1040.f1	bzip(HMM:9.1e-09)
13950	182497_1.R1040.f2	bzip(HMM:9.1e-24)
13951	544_1.R1040.f3	bzip(HMM:9.9e-22)
13952	23829_2.R1040.f3	cbfd_nfyb_hmf(HMM:0.0065)
13953	12708_1.R1040.f2	cbfd_nfyb_hmf(HMM:0.057)
13954	jC-gmro02910071g08a1.f6	cbfd_nfyb_hmf(HMM:0.23)
13955	6HA-01-Q1-B1-F10.f3	cbfd_nfyb_hmf(HMM:1.1e-08)
13956	3281_5.R1040.f1	cbfd_nfyb_hmf(HMM:1.1e-29)
13957	64072_1.R1040.f3	cbfd_nfyb_hmf(HMM:1.3e-29)
13958	zsg701125040.h1.f1	cbfd_nfyb_hmf(HMM:1.4e-16)
13959	3281_6.R1040.f3	cbfd_nfyb_hmf(HMM:1.6e-15)
13960	31567_2.R1040.f2	cbfd_nfyb_hmf(HMM:1.7e-38)
13961	11427_1.R1040.f2	cbfd_nfyb_hmf(HMM:1.8e-22)
13962	230_1.R1040.f3	cbfd_nfyb_hmf(HMM:1.8e-22)
13963	31567_1.R1040.f1	cbfd_nfyb_hmf(HMM:1.8e-38)
13964	127476_1.R1040.f1	cbfd_nfyb_hmf(HMM:3.9e-09)
13965	14105_1.R1040.f2	cbfd_nfyb_hmf(HMM:3e-08)
13966	24922_1.R1040.f3	cbfd_nfyb_hmf(HMM:4.2e-21)
13967	100936_1.R1040.f2	cbfd_nfyb_hmf(HMM:4.7e-39)
13968	gsv701043716.h1.f3	cbfd_nfyb_hmf(HMM:4e-06)
13969	11513_2.R1040.f3	cbfd_nfyb_hmf(HMM:5.4e-26)
13970	23829_1.R1040.f1	cbfd_nfyb_hmf(HMM:5.5e-38)
13971	79176_1.R1040.f1	cbfd_nfyb_hmf(HMM:5.6e-16)
13972	106291_1.R1040.f3	cbfd_nfyb_hmf(HMM:5.7)
13973	11513_1.R1040.f1	cbfd_nfyb_hmf(HMM:6.9e-37)
13974	31567_3.R1040.f2	cbfd_nfyb_hmf(HMM:8.6e-19)
13975	LIB3106-112-Q1-K1-F10.f2	cbfd_nfyb_hmf(HMM:9.5e-07)
13976	uC-gmropic065e01b1.f2	chromo(HMM:0.00066)
13977	LIB3039-003-Q1-E1-D1.f2	chromo(HMM:0.018)
13978	47441_1.R1040.f3	"chromo(HMM:0.21),snf2_n(HMM:2.7e-07)"
13979	47336_4.R1040.f1	"chromo(HMM:0.21),snf2_n(HMM:2.7e-07)"
13980	295413_1.R1040.f2	chromo(HMM:1.1e-16)
13981	jC-gmle01810043d11d1.f4	chromo(HMM:3.1e-09)
13982	10517_1.R1040.f1	chromo(HMM:4e-17)
13983	vzy700756037.h1.f3	csd(HMM:0.057)
13984	4999_1.R1040.f2	csd(HMM:1.3e-23)
13985	LIB3106-022-Q1-K1-F7.f3	csd(HMM:2.7e-22)
13986	82711_1.R1040.f2	csd(HMM:2e-17)
13987	LIB3051-101-Q1-K1-H12.f2	csd(HMM:5.9e-05)
13988	893_5.R1040.f2	csd(HMM:6.7e-22)
13989	282180_1.R1040.f2	dof(HMM:0.0033)



13990	208892_1.R1040.f1	dof(HMM:0.0054)
13991	jC-gmst02400069b11a1.f3	dof(HMM:0.0071)
13992	asn701139073.h1.f1	dof(HMM:0.038)
13993	gsv701046954.h1.f3	dof(HMM:0.69)
13994	1984_1.R1040.f2	dof(HMM:1.1e-16)
13995	sat701013157.h1.f2	dof(HMM:1.2e-05)
13996	182948_1.R1040.f2	dof(HMM:1.4)
13997	9004_1.R1040.f3	dof(HMM:1.4e-35)
13998	LIB3109-022-Q1-K1-B12.f3	dof(HMM:1.4e-35)
13999	hrw701060018.h2.f2	dof(HMM:2.4e-07)
14000	18615_4.R1040.f1	dof(HMM:2.4e-34)
14001	18615_1.R1040.f2	dof(HMM:2.6e-36)
14002	18615_3.R1040.f3	dof(HMM:2.6e-36)
14003	250229_1.R1040.f3	dof(HMM:2.6e-36)
14004	LIB3093-022-Q1-K1-E8.f3	dof(HMM:2.6e-36)
14005	wvk700685541.h1.f3	dof(HMM:2.6e-36)
14006	187882_1.R1040.f2	dof(HMM:2.7e-31)
14007	jC-gmfl02220146e12a1.f3	dof(HMM:2.9e-35)
14008	32495_1.R1040.f1	dof(HMM:2e-26)
14009	165353_1.R1040.f3	dof(HMM:3.1e-35)
14010	327999_1.R1040.f2	dof(HMM:3.4e-11)
14011	kll701212455.h1.f3	dof(HMM:3.6e-35)
14012	107719_1.R1040.f3	dof(HMM:3.7)
14013	wvk700685338.h1.f1	dof(HMM:3.8e-35)
14014	48315_1.R1040.f3	dof(HMM:3.8e-37)
14015	65649_1.R1040.f2	dof(HMM:3.8e-37)
14016	171388_1.R1040.f2	dof(HMM:3.9e-32)
14017	LIB3139-100-P1-N1-D12.f1	dof(HMM:6.3e-05)
14018	g4291469.f1	dof(HMM:6.5e-10)
14019	192599_1.R1040.f2	dof(HMM:6.7e-37)
14020	uC-gmrominsoy244h03b1.f1	dof(HMM:7.3e-08)
14021	g5606389.f2	dof(HMM:7.4e-35)
14022	LIB3109-052-Q1-K1-B9.f2	dof(HMM:7.9e-34)
14023	xpa700794770.h1.f3	dpb(HMM:0.00025)
14024	zsg701117609.h1.f1	dpb(HMM:0.00033)
14025	LIB3051-032-Q1-K1-H11.f3	dpb(HMM:0.00037)
14026	g4276934.f4	dpb(HMM:0.0012)
14027	130066_1.R1040.f3	dpb(HMM:1.1e-78)
14028	uxk700671307.h1.f1	dpb(HMM:1.2e-07)
14029	1296_2.R1040.f2	dpb(HMM:1.3e-18)
14030	2270_2.R1040.f2	dpb(HMM:1.8e-40)
14031	jC-gmfl02220065g11a1.f3	dpb(HMM:2e-07)
14032	98902_1.R1040.f3	dpb(HMM:3e-05)
14033	231881_1.R1040.f3	dpb(HMM:5.9e-17)
14034	5042_1.R1040.f1	dpb(HMM:8.3e-77)
14035	awf700843332.h1.f2	dpb(HMM:9.7e-17)
14036	19648_1.R1040.f3	enbp(HMM:0.0009)
14037	19648_2.R1040.f3	enbp(HMM:0.0056)
14038	192903_1.R1040.f3	enbp(HMM:0.17)
14039	206874_1.R1040.f3	enbp(HMM:1.2e-15)
14040	g5057523.f3	enbp(HMM:1.2e-28)
14041	LIB3051-035-Q1-K1-F2.f1	enbp(HMM:1.3e-08)
14042	LIB3139-086-P1-N1-A7.f2	enbp(HMM:1.7e-09)
14043	64865_2.R1040.f3	enbp(HMM:2.7e-59)

14044	LIB3051-022-Q1-K1-H5.f3	enbp(HMM:2e-10)
14045	64865_3.R1040.f1	enbp(HMM:4.8e-05)
14046	LIB3055-002-Q1-B1-D12.f2	enbp(HMM:4e-24)
14047	34604_1.R1040.f3	enbp(HMM:5.4e-07)
14048	crh700853030.h1.f3	enbp(HMM:6e-19)
14049	105630_1.R1040.f2	enbp(HMM:9.8e-86)
14050	179349_1.R1040.f2	gata(HMM:0.085)
14051	crh700852220.h1.f1	gata(HMM:0.38)
14052	jex700904885.h1.f3	gata(HMM:0.55)
14053	72433_1.R1040.f1	gata(HMM:1.1)
14054	99664_1.R1040.f5	gata(HMM:1.1e-14)
14055	43595_1.R1040.f3	gata(HMM:1.2e-13)
14056	ncj700984309.h1.f3	gata(HMM:1.3)
14057	vwf700678225.h1.f3	gata(HMM:1.6e-06)
14058	25969_2.R1040.f3	gata(HMM:1.7e-11)
14059	rca700999496.h1.f2	gata(HMM:2.2e-16)
14060	33174_1.R1040.f2	gata(HMM:2.6e-09)
14061	15086_1.R1040.f2	gata(HMM:2.9e-10)
14062	43595_3.R1040.f2	gata(HMM:3.3e-12)
14063	27769_3.R1040.f2	gata(HMM:3.7e-14)
14064	264_1.R1040.f4	gata(HMM:4.4e-15)
14065	81690_1.R1040.f2	gata(HMM:4.7e-15)
14066	27769_2.R1040.f1	gata(HMM:4.8e-14)
14067	25969_1.R1040.f1	gata(HMM:5.7e-16)
14068	118539_1.R1040.f2	gata(HMM:7.5e-12)
14069	LIB3107-067-Q1-K1-B12.f2	gata(HMM:9.1e-13)
14070	12730_2.R1040.f2	gld-tea(HMM:0.00012)
14071	18378_1.R1040.f2	gld-tea(HMM:0.0006)
14072	54671_1.R1040.f1	gld-tea(HMM:0.0014)
14073	123635_1.R1040.f1	gld-tea(HMM:0.0059)
14074	LIB3139-043-P1-N1-G4.f1	gld-tea(HMM:0.024)
14075	LIB3092-044-Q1-K1-A2.f2	gld-tea(HMM:0.12)
14076	67626_2.R1040.f2	gld-tea(HMM:0.15)
14077	pmv700894234.h1.f2	gld-tea(HMM:0.36)
14078	jC-gmro02910051d04a1.f3	gld-tea(HMM:0.59)
14079	jC-gmro02910037d06a1.f2	gld-tea(HMM:0.81)
14080	64718_1.R1040.f3	gld-tea(HMM:1.2e-26)
14081	jex700909505.h1.f1	gld-tea(HMM:1.3e-12)
14082	166976_1.R1040.f1	gld-tea(HMM:1.3e-41)
14083	LIB3138-033-Q1-N1-F9.f1	gld-tea(HMM:1.4e-29)
14084	jC-gmst02400061g07a1.f1	gld-tea(HMM:1.7e-39)
14085	117488_1.R1040.f3	gld-tea(HMM:1.8e-37)
14086	7634_1.R1040.f1	gld-tea(HMM:1.9e-21)
14087	29924_1.R1040.f1	gld-tea(HMM:2.1e-30)
14088	2989_2.R1040.f2	gld-tea(HMM:2.1e-30)
14089	smc700748756.h1.f3	gld-tea(HMM:2.2e-32)
14090	148015_1.R1040.f2	gld-tea(HMM:2.3e-28)
14091	33791_1.R1040.f3	gld-tea(HMM:2.3e-33)
14092	33791_2.R1040.f2	gld-tea(HMM:2.3e-33)
14093	jC-gmro02800038h07a1.f3	gld-tea(HMM:2.4e-19)
14094	70088_1.R1040.f2	gld-tea(HMM:2.9e-25)
14095	taw700657234.h1.f1	gld-tea(HMM:2e-31)
14096	sat701008362.h1.f2	gld-tea(HMM:3.2e-17)
14097	uaw700661263.h1.f2	gld-tea(HMM:3.6e-06)

14098	68701_1.R1040.f2	"gld-tea(HMM:3.9e-12),response_reg(HMM:0.00012)"
14099	LIB3139-043-P1-N1-G10.f3	gld-tea(HMM:4.7e-38)
14100	12730_1.R1040.f2	gld-tea(HMM:5.1e-25)
14101	LIB3028-002-Q1-B1-G9.f3	gld-tea(HMM:5.2e-05)
14102	jC-gmle01810092f09a1.f2	gld-tea(HMM:5.2e-42)
14103	113353_1.R1040.f1	gld-tea(HMM:5.3e-36)
14104	4310_1.R1040.f1	gld-tea(HMM:6.4e-26)
14105	67626_1.R1040.f1	gld-tea(HMM:6.7e-31)
14106	uxk700667772.h1.f2	gld-tea(HMM:6.8e-28)
14107	xpa700795271.h1.f2	gld-tea(HMM:7.4e-20)
14108	29924_3.R1040.f3	gld-tea(HMM:8.2e-10)
14109	160524_1.R1040.f1	gld-tea(HMM:8.3e-38)
14110	pcp700988978.h1.f3	hhh(HMM:0.0037)
14111	136307_1.R1040.f1	hhh(HMM:1e-07)
14112	4163_1.R1040.f3	hhh(HMM:2.1e-05)
14113	pmv700894372.h1.f2	hist_deacetyl(HMM:0.0034)
14114	142885_1.R1040.f2	hist_deacetyl(HMM:0.018)
14115	LIB3170-025-Q1-J1-C9.f6	hist_deacetyl(HMM:0.096)
14116	148877_1.R1040.f1	hist_deacetyl(HMM:2.1e-05)
14117	153326_1.R1040.f2	hist_deacetyl(HMM:2.1e-05)
14118	122767_1.R1040.f1	hist_deacetyl(HMM:2.1e-13)
14119	124846_1.R1040.f1	hist_deacetyl(HMM:2.2e-23)
14120	62823_1.R1040.f2	hist_deacetyl(HMM:2.3e-07)
14121	LIB3107-041-Q1-K1-G12.f1	hist_deacetyl(HMM:2.5e-15)
14122	bth700849273.h1.f3	hist_deacetyl(HMM:3.3e-11)
14123	172173_1.R1040.f1	hist_deacetyl(HMM:4.5e-28)
14124	zhf700964981.h1.f2	hist_deacetyl(HMM:4.8e-20)
14125	147499_1.R1040.f2	hist_deacetyl(HMM:5.3e-05)
14126	fde700872990.h1.f2	hist_deacetyl(HMM:5.5e-24)
14127	163733_1.R1040.f1	hist_deacetyl(HMM:6.3e-06)
14128	g5687823.f1	hist_deacetyl(HMM:6.3e-08)
14129	163733_2.R1040.f3	hist_deacetyl(HMM:8.4e-07)
14130	LIB3138-035-Q1-N1-A7.f1	hist_deacetyl(HMM:8.5e-28)
14131	3069_1.R1040.f3	hist_deacetyl(HMM:8.8e-104)
14132	235134_1.R1040.f3	hist_deacetyl(HMM:9.4e-18)
14133	LIB3039-023-Q1-E1-D9.f1	histone(HMM:0.00014)
14134	g5688045.f2	histone(HMM:0.0005)
14135	LIB3040-017-Q1-E1-C5.f1	histone(HMM:0.0006)
14136	LIB3049-043-Q1-E1-G8.f2	histone(HMM:0.00064)
14137	asn701136208.h1.f1	histone(HMM:0.0007)
14138	LIB3170-005-Q1-K1-C11.f2	histone(HMM:0.0023)
14139	LIB3051-040-Q1-K1-A1.f1	histone(HMM:0.0078)
14140	LIB3040-009-Q1-E1-E8.f3	histone(HMM:0.021)
14141	LIB3170-009-Q2-K1-H1.f3	histone(HMM:0.069)
14142	LIB3049-016-Q1-E1-F3.f1	histone(HMM:0.087)
14143	LIB3092-022-Q1-K1-E10.f1	histone(HMM:0.09)
14144	5245_1.R1040.f3	histone(HMM:0.14)
14145	LIB3170-032-Q1-K1-A8.f3	histone(HMM:0.16)
14146	hyd700728637.h1.f1	histone(HMM:0.19)
14147	LIB3049-054-Q1-E1-D7.f3	histone(HMM:0.2)
14148	LIB3040-041-Q1-E1-E10.f1	histone(HMM:0.38)
14149	1793_18.R1040.f2	histone(HMM:0.53)

14150	LIB3039-046-Q1-E1-C12.f3	histone(HMM:0.7)
14151	jsh701064263.h1.f2	histone(HMM:1.1e-06)
14152	LIB3039-015-Q1-E1-B9.f1	histone(HMM:1.1e-06)
14153	9139_3.R1040.f3	histone(HMM:1.1e-29)
14154	3239_1.R1040.f2	histone(HMM:1.1e-51)
14155	3239_2.R1040.f3	histone(HMM:1.1e-51)
14156	LIB3053-009-Q1-N1-B6.f3	histone(HMM:1.2)
14157	LIB3049-030-Q1-E1-E8.f3	histone(HMM:1.2e-12)
14158	LIB3050-004-Q1-E1-A7.f2	histone(HMM:1.2e-12)
14159	1313_4.R1040.f6	histone(HMM:1.2e-14)
14160	7776_2.R1040.f3	histone(HMM:1.2e-28)
14161	8806_1.R1040.f3	histone(HMM:1.2e-43)
14162	5384_1.R1040.f1	histone(HMM:1.2e-48)
14163	5384_4.R1040.f3	histone(HMM:1.2e-48)
14164	5384_6.R1040.f3	histone(HMM:1.2e-48)
14165	3239_3.R1040.f2	histone(HMM:1.2e-50)
14166	3239_4.R1040.f2	histone(HMM:1.2e-50)
14167	LIB3093-050-Q1-K1-G7.f1	histone(HMM:1.3)
14168	jsh701064730.h1.f1	histone(HMM:1.3e-14)
14169	11868_2.R1040.f2	histone(HMM:1.3e-31)
14170	LIB3073-018-Q1-K1-G7.f1	histone(HMM:1.4e-10)
14171	5384_12.R1040.f2	histone(HMM:1.4e-15)
14172	pcp700994709.h1.f2	histone(HMM:1.5e-22)
14173	uC-gmropic007g05b1.f2	histone(HMM:1.6e-07)
14174	11868_3.R1040.f3	histone(HMM:1.6e-16)
14175	9139_2.R1040.f3	histone(HMM:1.6e-46)
14176	1793_10.R1040.f1	histone(HMM:1.7e-06)
14177	jC-gmro02910067f08d1.f6	histone(HMM:1.7e-07)
14178	LIB3139-105-P1-N1-E2.f2	histone(HMM:1.7e-07)
14179	9050_4.R1040.f2	histone(HMM:1.7e-09)
14180	kli701212261.h1.f2	histone(HMM:1.7e-09)
14181	LIB3051-015-Q1-E1-H7.f3	histone(HMM:1.7e-09)
14182	LIB3028-015-Q1-B1-D2.f1	histone(HMM:1.7e-10)
14183	gsv701050604.h1.f2	histone(HMM:1.7e-11)
14184	txt700732039.h1.f3	histone(HMM:1.7e-11)
14185	kli701213472.h1.f2	histone(HMM:1.7e-17)
14186	3239_5.R1040.f2	histone(HMM:1.8e-49)
14187	4964_2.R1040.f2	histone(HMM:1.9e-05)
14188	1793_12.R1040.f3	histone(HMM:1.9e-18)
14189	1793_15.R1040.f2	histone(HMM:1.9e-18)
14190	1793_16.R1040.f1	histone(HMM:1.9e-18)
14191	1793_5.R1040.f2	histone(HMM:1.9e-18)
14192	1793_8.R1040.f1	histone(HMM:1.9e-18)
14193	2548_2.R1040.f1	histone(HMM:1.9e-18)
14194	2548_3.R1040.f2	histone(HMM:1.9e-18)
14195	2548_4.R1040.f2	histone(HMM:1.9e-18)
14196	2548_5.R1040.f1	histone(HMM:1.9e-18)
14197	2548_6.R1040.f2	histone(HMM:1.9e-18)
14198	4848_1.R1040.f3	histone(HMM:1.9e-18)
14199	4921_1.R1040.f1	histone(HMM:1.9e-18)
14200	8645_1.R1040.f3	histone(HMM:1.9e-18)
14201	uC-gmflminsoy022h10b1.f2	histone(HMM:1.9e-18)
14202	1313_5.R1040.f4	histone(HMM:1e-26)
14203	1612_1.R1040.f2	histone(HMM:1e-49)

8958_2.R1040.f3	histone(HMM:1e-49)
LIB3170-009-Q1-J1-D10.f6	histone(HMM:2.1e-12)
9050_1.R1040.f1	histone(HMM:2.2e-50)
9050_2.R1040.f3	histone(HMM:2.2e-50)
9050_3.R1040.f1	histone(HMM:2.2e-50)
rlr700899371.h1.f1	histone(HMM:2.4e-06)
6716_1.R1040.f3	histone(HMM:2.4e-46)
6716_2.R1040.f1	histone(HMM:2.4e-46)
vwf700677817.h1.f1	histone(HMM:2.5)
58724_1.R1040.f3	histone(HMM:2.5e-43)
18710_1.R1040.f1	histone(HMM:2.5e-46)
11755_1.R1040.f1	histone(HMM:2.6e-50)
gsv701051953.h1.f1	histone(HMM:2.7e-13)
LIB3028-007-Q1-B1-A9.f2	histone(HMM:2.7e-17)
1793_27.R1040.f2	histone(HMM:2.8e-05)
5384_8.R1040.f3	histone(HMM:2.8e-44)
epx701108441.h1.f1	histone(HMM:2.9)
2548_8.R1040.f3	histone(HMM:2.9e-17)
LIB3106-102-Q1-K1-E11.f3	histone(HMM:2e-18)
LIB3106-075-Q1-K1-B12.f1	histone(HMM:3.1e-05)
vzy700754394.h1.f3	histone(HMM:3.1e-05)
leu701157093.h1.f2	histone(HMM:3.1e-07)
1793_22.R1040.f3	histone(HMM:3.1e-11)
wrg700790495.h2.f2	histone(HMM:3.1e-13)
wvk700680989.h1.f2	histone(HMM:3.1e-14)
LIB3040-033-Q1-E1-F4.f3	histone(HMM:3.1e-15)
5384_5.R1040.f2	histone(HMM:3.1e-48)
LIB3167-017-P1-K1-F4.f2	histone(HMM:3.2e-08)
hrw701060684.h1.f1	histone(HMM:3.2e-09)
8806_2.R1040.f1	histone(HMM:3.2e-26)
132993_1.R1040.f1	histone(HMM:3.2e-44)
1530_1.R1040.f1	histone(HMM:3.3e-44)
epx701107296.h1.f1	histone(HMM:3.5e-13)
LIB3170-002-Q1-J1-G8.f5	histone(HMM:3.6e-08)
zhf700960431.h1.f3	histone(HMM:3.6e-09)
LIB3049-050-Q1-E1-F5.f3	histone(HMM:3.7e-12)
LIB3138-081-P1-N1-B7.f3	histone(HMM:3.8e-19)
rca700997386.h1.f3	histone(HMM:3.9e-09)
LIB3040-035-Q1-E1-G9.f3	histone(HMM:4.1e-07)
sat701009174.h1.f3	histone(HMM:4.2e-15)
hyd700729859.h1.f2	histone(HMM:4.4e-15)
1830_2.R1040.f1	histone(HMM:4.5e-09)
ncj700977983.h1.f3	histone(HMM:4.6e-08)
rlr700898354.h1.f3	histone(HMM:4.8)
LIB3170-016-Q1-K1-C5.f2	histone(HMM:4.9e-08)
LIB3049-005-Q1-E1-E10.f1	histone(HMM:4e-19)
1830_1.R1040.f1	histone(HMM:4e-44)
21297_1.R1040.f4	histone(HMM:5.2e-42)
LIB3073-002-Q1-K1-G3.f2	histone(HMM:5e-09)
LIB3170-022-Q1-K1-C9.f3	histone(HMM:5e-10)
vzy700756334.h1.f2	histone(HMM:6.1e-23)
LIB3106-074-Q1-K1-C2.f1	histone(HMM:6.2e-26)
11868_1.R1040.f3	histone(HMM:6.3e-44)
5384_2.R1040.f1	histone(HMM:6.4e-49)

14258	5384_7.R1040.f2	histone(HMM:6.4e-49)
14259	1313_3.R1040.f5	histone(HMM:6.5e-23)
14260	8958_1.R1040.f1	histone(HMM:6.5e-50)
14261	2548_7.R1040.f1	histone(HMM:6.8e-18)
14262	5384_11.R1040.f1	histone(HMM:6e-25)
14263	LIB3170-017-Q1-K1-H8.f1	histone(HMM:7.2e-13)
14264	LIB3106-096-Q1-K1-A12.f1	histone(HMM:7.4e-20)
14265	uC-gmronoir012b07b1.f2	histone(HMM:7.5e-47)
14266	LIB3049-001-Q1-E1-C6.f1	histone(HMM:7.6)
14267	LIB3039-034-Q1-E1-H5.f3	histone(HMM:7.7e-05)
14268	LIB3040-010-Q1-E1-B10.f1	histone(HMM:7.7e-05)
14269	5384_3.R1040.f1	histone(HMM:7.8e-48)
14270	8158_1.R1040.f3	histone(HMM:7.9e-47)
14271	4964_1.R1040.f3	histone(HMM:8.2e-47)
14272	7776_1.R1040.f3	histone(HMM:8.2e-47)
14273	8093_1.R1040.f1	histone(HMM:8.2e-47)
14274	9139_1.R1040.f2	histone(HMM:8.2e-47)
14275	jsh701067133.h1.f2	histone(HMM:8.4e-14)
14276	hyd700726644.h1.f1	histone(HMM:8.9e-10)
14277	LIB3107-078-Q1-K1-F5.f1	histone(HMM:9.2e-05)
14278	323923_1.R1040.f5	histone(HMM:9.2e-14)
14279	5384_10.R1040.f2	histone(HMM:9.4e-18)
14280	wrg700786094.h2.f1	histone(HMM:9.6e-05)
14281	LIB3170-033-Q1-K1-F2.f3	histone(HMM:9.9e-05)
14282	taw700657519.h1.f2	hlh(HMM:0.0001)
14283	21857_1.R1040.f1	hlh(HMM:0.00022)
14284	r1r700898156.h1.f1	hlh(HMM:0.00023)
14285	12255_3.R1040.f2	hlh(HMM:0.00035)
14286	gsv701056674.h1.f2	hlh(HMM:0.0011)
14287	LIB3029-011-Q1-B1-G3.f1	hlh(HMM:0.0014)
14288	148437_1.R1040.f2	hlh(HMM:0.0015)
14289	g5666744.f3	hlh(HMM:0.0036)
14290	110458_1.R1040.f1	hlh(HMM:0.0059)
14291	2379_1.R1040.f1	hlh(HMM:0.0073)
14292	ncj700981519.h1.f1	hlh(HMM:0.02)
14293	fC-gmle700555621f3.f6	hlh(HMM:0.027)
14294	uC-gmropic025b06b1.f2	hlh(HMM:0.03)
14295	232062_1.R1040.f1	hlh(HMM:0.043)
14296	179143_1.R1040.f1	hlh(HMM:0.046)
14297	LIB3087-005-Q1-K1-E9.f6	hlh(HMM:0.054)
14298	80988_1.R1040.f3	hlh(HMM:0.066)
14299	116902_1.R1040.f2	hlh(HMM:0.071)
14300	2379_2.R1040.f2	hlh(HMM:0.095)
14301	112331_1.R1040.f2	hlh(HMM:0.11)
14302	75406_1.R1040.f2	hlh(HMM:0.17)
14303	116902_2.R1040.f1	hlh(HMM:0.35)
14304	68494_1.R1040.f1	hlh(HMM:1.2e-08)
14305	jsh701065109.h1.f2	hlh(HMM:1.3e-09)
14306	680_1.R1040.f2	hlh(HMM:1.3e-14)
14307	150715_1.R1040.f2	hlh(HMM:1.5e-10)
14308	119719_1.R1040.f2	hlh(HMM:1.7e-15)
14309	118083_1.R1040.f3	hlh(HMM:1.8e-08)
14310	4335_1.R1040.f2	hlh(HMM:1.8e-10)
14311	21084_1.R1040.f3	hlh(HMM:1.9e-13)

14312	138767_1.R1040.f3	hlh(HMM:2.2e-10)
14313	249237_1.R1040.f1	hlh(HMM:2.5e-09)
14314	g5058300.f2	hlh(HMM:2.5e-09)
14315	114950_1.R1040.f1	hlh(HMM:2.5e-12)
14316	9818_1.R1040.f3	hlh(HMM:2.6e-05)
14317	66406_1.R1040.f2	hlh(HMM:2.6e-09)
14318	19262_1.R1040.f3	hlh(HMM:2.8e-13)
14319	149817_1.R1040.f3	hlh(HMM:3.8e-06)
14320	77385_1.R1040.f1	hlh(HMM:3.8e-10)
14321	16111_1.R1040.f1	hlh(HMM:3.9e-08)
14322	82903_1.R1040.f1	hlh(HMM:4.1e-09)
14323	2169_1.R1040.f3	hlh(HMM:4.2e-12)
14324	2169_3.R1040.f1	hlh(HMM:4.2e-12)
14325	jC-gmfl02220102f12a1.f2	hlh(HMM:4.2e-12)
14326	19262_2.R1040.f1	hlh(HMM:4.2e-13)
14327	12143_1.R1040.f3	hlh(HMM:4.3e-10)
14328	29402_1.R1040.f3	hlh(HMM:4.5e-09)
14329	50777_1.R1040.f3	hlh(HMM:4.5e-14)
14330	59673_1.R1040.f3	hlh(HMM:4.7e-07)
14331	57030_1.R1040.f3	hlh(HMM:4.8e-15)
14332	48067_1.R1040.f3	hlh(HMM:4e-09)
14333	87706_1.R1040.f2	hlh(HMM:4e-10)
14334	238638_1.R1040.f2	hlh(HMM:4e-13)
14335	LIB3106-032-Q1-K1-B6.f1	hlh(HMM:5.3e-12)
14336	jC-gmfl02220081h06a1.f2	hlh(HMM:6.4e-07)
14337	12255_2.R1040.f1	hlh(HMM:6.6e-05)
14338	30853_1.R1040.f1	hlh(HMM:7.8e-11)
14339	46911_2.R1040.f2	hlh(HMM:8.4e-07)
14340	172245_1.R1040.f1	hlh(HMM:8.5e-11)
14341	1135_1.R1040.f2	hlh(HMM:9.6e-06)
14342	46923_1.R1040.f2	hlh(HMM:9.7e-05)
14343	41959_1.R1040.f3	hlh(HMM:9e-05)
14344	189248_1.R1040.f1	hlh(HMM:9e-08)
14345	LIB3039-005-Q1-E1-C6.f2	hmg_box(HMM:0.00033)
14346	LIB3170-085-Q1-K1-E4.f3	hmg_box(HMM:0.001)
14347	LIB3092-004-Q1-K1-B5.f2	hmg_box(HMM:0.0041)
14348	pxt700943934.h1.f3	hmg_box(HMM:0.013)
14349	380_4.R1040.f1	hmg_box(HMM:0.034)
14350	LIB3049-042-Q1-E1-D6.f1	hmg_box(HMM:0.072)
14351	fde700873131.h1.f2	hmg_box(HMM:0.27)
14352	LIB3040-049-Q1-E1-C1.f1	hmg_box(HMM:0.39)
14353	LIB3040-034-Q1-E1-A2.f3	hmg_box(HMM:0.61)
14354	LIB3049-007-Q1-E1-D4.f3	hmg_box(HMM:0.94)
14355	ssr700559324.h1.f2	hmg_box(HMM:1.2e-34)
14356	36191_1.R1040.f2	hmg_box(HMM:1.3e-20)
14357	kl1701210145.h1.f1	hmg_box(HMM:1.4e-05)
14358	380_1.R1040.f2	hmg_box(HMM:1.4e-29)
14359	fua701040918.h1.f1	hmg_box(HMM:1.8e-08)
14360	4101_1.R1040.f2	hmg_box(HMM:2.2e-26)
14361	zsg701129793.h1.f3	hmg_box(HMM:2.3)
14362	90385_1.R1040.f5	hmg_box(HMM:2.4e-31)
14363	LIB3039-016-Q1-E1-A3.f2	hmg_box(HMM:2.5e-11)
14364	LIB3106-038-Q1-K1-C6.f3	hmg_box(HMM:2.5e-13)
14365	g5753699.f1	hmg_box(HMM:2e-30)

14366	zhf700952013.h1.f1	hmg_box(HMM:3.3e-11)
14367	LIB3051-063-Q1-K1-B11.f3	hmg_box(HMM:3.4e-25)
14368	4802_1.R1040.f2	hmg_box(HMM:3.4e-31)
14369	14608_2.R1040.f5	hmg_box(HMM:3.8e-17)
14370	16850_1.R1040.f1	hmg_box(HMM:3.9e-29)
14371	jC-gmro02910041076a1.f1	hmg_box(HMM:4.8e-22)
14372	14608_1.R1040.f6	hmg_box(HMM:5.2e-31)
14373	4802_2.R1040.f3	hmg_box(HMM:5.9e-21)
14374	LIB3167-027-P1-K1-C1.f1	hmg_box(HMM:6.4e-22)
14375	380_3.R1040.f3	hmg_box(HMM:6.5e-24)
14376	wvk700681408.h2.f2	hmg_box(HMM:7.3)
14377	LIB3040-017-Q1-E1-G12.f3	hmg_box(HMM:7.6)
14378	zsg701122328.h1.f6	hmg_box(HMM:8.2e-07)
14379	LIB3138-069-P1-N1-G10.f3	hmg_box(HMM:8.3e-12)
14380	LIB3087-001-Q1-K1-E10.f3	hmg_box(HMM:9e-14)
14381	kl1701212376.h1.f3	homeobox(HMM:0.0003)
14382	556_1.R1040.f3	"homeobox(HMM:0.00041),homeobox_knox3(1.5e-34)"
14383	5787_1.R1040.f1	"homeobox(HMM:0.0006),homeobox_knox3(1.5e-10)"
14384	sat701013785.h1.f1	"homeobox(HMM:0.00064),homeobox_knox3(8.4e-06)"
14385	67987_1.R1040.f1	"homeobox(HMM:0.0035),homeobox_knox3(4.0e-37)"
14386	31791_1.R1040.f1	"homeobox(HMM:0.0044),homeobox_knox3(1.4e-20),homeobox_mat(0.0010)"
14387	220535_1.R1040.f2	"homeobox(HMM:0.0061),homeobox_knox3(2.2e-12)"
14388	556_2.R1040.f1	"homeobox(HMM:0.0065),homeobox_knox3(1.5e-30)"
14389	63316_1.R1040.f2	"homeobox(HMM:0.0076),homeobox_knox3(9.8e-13)"
14390	46255_1.R1040.f3	"homeobox(HMM:0.0079),homeobox_knox3(9.5e-11)"
14391	20275_1.R1040.f2	"homeobox(HMM:0.0087),homeobox_knox3(5.4e-12),homeobox_mat(0.0009)"
14392	235281_1.R1040.f2	"homeobox(HMM:0.014),homeobox_knox3(4.8e-35)"
14393	7598_1.R1040.f3	"homeobox(HMM:0.018),homeobox_knox3(1.1e-22)"
14394	62496_1.R1040.f3	"homeobox(HMM:0.02),homeobox_knox3(5.6e-12)"
14395	19335_1.R1040.f3	"homeobox(HMM:0.025),homeobox_knox3(3.7e-22)"
14396	33403_1.R1040.f1	"homeobox(HMM:0.027),homeobox_knox3(7.7e-26)"
14397	2593_1.R1040.f2	"homeobox(HMM:0.037),homeobox_knox3(3.7e-12)"
14398	46255_4.R1040.f1	"homeobox(HMM:0.044),homeobox_knox3(1.4e-10)"
14399	jC-gmro02910047g01a1.f3	homeobox(HMM:0.092)
14400	129751_1.R1040.f1	"homeobox(HMM:0.12),homeob



14401	7598_4.R1040.f1	ox_knox3(3.5e-09)"
14402	jC-gmro02800034b10a1.f2	"homeobox(HMM:0.2),homeobox_knox3(5.7e-19)"
14403	138756_1.R1040.f1	homeobox(HMM:1)
14404	47849_1.R1040.f3	homeobox(HMM:1.1e-20)
14405	237426_1.R1040.f1	homeobox(HMM:1.2)
14406	13906_1.R1040.f2	homeobox(HMM:1.2e-18)
14407	185679_1.R1040.f3	homeobox(HMM:1.2e-18)
14408	263611_1.R1040.f1	homeobox(HMM:1.3e-12)
14409	354264_1.R1040.f2	homeobox(HMM:1.4e-15)
14410	7481_1.R1040.f1	homeobox(HMM:1.5e-19)
14411	jC-gmle01810073f02d1.f5	"homeobox(HMM:1.7e-06),homeobox_knox3(1.4e-34)"
14412	75839_1.R1040.f1	"homeobox(HMM:1.9),homeobox_knox3(4.2e-09)"
14413	47852_1.R1040.f1	"homeobox(HMM:1.9e-08),phd(HMM:2.7e-12)"
14414	2297_1.R1040.f2	homeobox(HMM:1e-19)
14415	LIB3093-015-Q1-K1-A9.f1	homeobox(HMM:1e-19)
14416	LIB3138-021-Q1-N1-B8.f2	homeobox(HMM:1e-19)
14417	101833_1.R1040.f1	homeobox(HMM:2.1)
14418	733_21.R1040.f1	homeobox(HMM:2.1e-17)
14419	126778_1.R1040.f3	homeobox(HMM:2.3e-15)
14420	120026_1.R1040.f2	homeobox(HMM:2.4e-05)
14421	LIB3139-040-P1-N1-D1.f3	homeobox(HMM:2.4e-19)
14422	27738_1.R1040.f2	homeobox(HMM:2.9e-15)
14423	2873_1.R1040.f2	homeobox(HMM:3.2e-19)
14424	LIB3138-093-Q1-N1-H6.f2	homeobox(HMM:3.2e-19)
14425	84555_1.R1040.f3	"homeobox(HMM:3.4e-05),homeobox_knox3(7.6e-32)"
14426	LIB3051-078-Q1-K1-G11.f2	homeobox(HMM:3.5e-16)
14427	464_1.R1040.f1	homeobox(HMM:3.6e-17)
14428	6029_2.R1040.f2	homeobox(HMM:3.7e-10)
14429	49928_1.R1040.f1	homeobox(HMM:3.7e-15)
14430	10491_1.R1040.f3	homeobox(HMM:3.9e-18)
14431	464_2.R1040.f2	homeobox(HMM:4.2e-12)
14432	jC-gmst02400054h07a1.f2	homeobox(HMM:4.7e-16)
14433	asn701136723.h1.f3	homeobox(HMM:4.9e-19)
14434	2297_2.R1040.f2	homeobox(HMM:5.6e-19)
14435	81815_1.R1040.f2	homeobox(HMM:6.7)
14436	jC-gmro02910022c12d1.f1	homeobox(HMM:6.8e-16)
14437	78625_1.R1040.f1	homeobox(HMM:6.9e-20)
14438	23796_1.R1040.f3	homeobox(HMM:9.2e-18)
14439	kl1701205621.h1.f1	homeobox(HMM:9.6e-06)
14440	384_3.R1040.f2	hsf_dna-bind(HMM:0.0028)
14441	78395_1.R1040.f3	hsf_dna-bind(HMM:0.034)
14442	209926_1.R1040.f2	hsf_dna-bind(HMM:0.65)
14443	70195_1.R1040.f3	hsf_dna-bind(HMM:1.1e-52)
14444	122_4.R1040.f4	hsf_dna-bind(HMM:1.1e-60)
14445	387_2.R1040.f2	hsf_dna-bind(HMM:1.2e-48)
14446	383_1.R1040.f1	hsf_dna-bind(HMM:1.2e-83)
14447	76611_1.R1040.f1	hsf_dna-bind(HMM:1.3e-07)

14448	384_1.R1040.f2	hsf_dna-bind(HMM:1.3e-57)
14449	6560_1.R1040.f2	hsf_dna-bind(HMM:1.4e-41)
14450	65098_1.R1040.fl	hsf_dna-bind(HMM:1.5e-53)
14451	122_2.R1040.f4	hsf_dna-bind(HMM:1.5e-58)
14452	jC-gmro02910062b09a1.fl	hsf_dna-bind(HMM:1.6e-06)
14453	70195_2.R1040.fl	hsf_dna-bind(HMM:1.7e-08)
14454	122_6.R1040.f5	hsf_dna-bind(HMM:2.2)
14455	387_3.R1040.fl	hsf_dna-bind(HMM:2.3)
14456	385_1.R1040.fl	hsf_dna-bind(HMM:2.4e-61)
14457	181_1.R1040.f4	hsf_dna-bind(HMM:2.5e-05)
14458	385_2.R1040.fl	hsf_dna-bind(HMM:2.9e-23)
14459	50067_1.R1040.fl	hsf_dna-bind(HMM:2.9e-57)
14460	387_1.R1040.fl	hsf_dna-bind(HMM:2.9e-66)
14461	6290_1.R1040.fl	hsf_dna-bind(HMM:2e-28)
14462	384_2.R1040.f3	hsf_dna-bind(HMM:3.2e-46)
14463	LIB3028-031-Q1-B1-F2.f2	hsf_dna-bind(HMM:3.4e-21)
14464	LIB3138-126-Q1-N1-A1.fl	hsf_dna-bind(HMM:3.5e-53)
14465	230085_1.R1040.f3	hsf_dna-bind(HMM:3e-12)
14466	13936_2.R1040.fl	hsf_dna-bind(HMM:4.2e-57)
14467	jC-gmro02910071a08a1.f2	hsf_dna-bind(HMM:4.4e-07)
14468	hrw701060607.h1.fl	hsf_dna-bind(HMM:4.5)
14469	LIB3139-119-P1-N1-A12.f2	hsf_dna-bind(HMM:4.5e-09)
14470	jC-gmro02910072h09a1.f2	hsf_dna-bind(HMM:4.7e-07)
14471	LIB3065-001-Q1-N1-A6.f2	hsf_dna-bind(HMM:4.8)
14472	35655_1.R1040.fl	hsf_dna-bind(HMM:5.1e-65)
14473	fde700872947.h1.f3	hsf_dna-bind(HMM:5.4e-08)
14474	122311_1.R1040.f2	hsf_dna-bind(HMM:5.7e-51)
14475	102601_1.R1040.f2	hsf_dna-bind(HMM:5.8e-83)
14476	46527_1.R1040.fl	hsf_dna-bind(HMM:7e-93)
14477	fC-gmse700669003k1.f4	hsf_dna-bind(HMM:8.1e-09)
14478	25839_1.R1040.f2	hsf_dna-bind(HMM:8.5e-64)
14479	45325_2.R1040.f2	hsf_dna-bind(HMM:8.6e-66)
14480	uC-gmrominsoy141a08b1.f3	iaa(HMM:0.00014)
14481	147803_1.R1040.f2	iaa(HMM:0.00016)
14482	g4292511.f3	iaa(HMM:0.00022)
14483	fua701037510.h1.f2	iaa(HMM:0.00078)
14484	LIB3106-020-Q1-K1-C10.f2	iaa(HMM:0.00079)
14485	294291_1.R1040.fl	iaa(HMM:0.0009)
14486	75638_1.R1040.f3	iaa(HMM:0.0032)
14487	uC-gmrominsoy172d07b1.fl	iaa(HMM:0.011)
14488	165120_1.R1040.f2	iaa(HMM:0.012)
14489	20391_1.R1040.f2	iaa(HMM:0.018)
14490	asn701137240.h1.f3	iaa(HMM:0.045)
14491	jC-gmfl02220104d07d1.f6	iaa(HMM:0.066)
14492	jC-gmle01810061b03a1.f2	iaa(HMM:0.07)
14493	29338_1.R1040.f2	iaa(HMM:0.75)
14494	86291_1.R1040.f3	iaa(HMM:0.84)
14495	522_2.R1040.f2	iaa(HMM:1.1e-09)
14496	seb700652780.h1.f3	iaa(HMM:1.1e-17)
14497	108315_1.R1040.fl	iaa(HMM:1.3e-44)
14498	523_2.R1040.f3	iaa(HMM:1.3e-45)
14499	LIB3028-029-Q1-B1-H9.f3	iaa(HMM:1.5e-14)
14500	ary700764411.h1.f3	iaa(HMM:1.6e-12)
14501	kl1701207169.h1.fl	iaa(HMM:1.8)

14502	522_1.R1040.f3	iaa(HMM:1.9e-56)
14503	31282_1.R1040.f2	iaa(HMM:1e-35)
14504	19644_2.R1040.f1	iaa(HMM:1e-49)
14505	333749_1.R1040.f1	iaa(HMM:2.1e-33)
14506	2704_1.R1040.f2	iaa(HMM:2.3e-35)
14507	108840_1.R1040.f3	iaa(HMM:2.3e-56)
14508	2769_2.R1040.f1	iaa(HMM:2.3e-64)
14509	LIB3109-035-Q1-K2-E6.f1	iaa(HMM:2.4e-09)
14510	2131_1.R1040.f3	iaa(HMM:2.4e-67)
14511	32706_1.R1040.f3	iaa(HMM:2.5e-06)
14512	169896_1.R1040.f3	iaa(HMM:2.5e-08)
14513	12357_1.R1040.f1	iaa(HMM:2.5e-49)
14514	2131_3.R1040.f2	iaa(HMM:2.6e-65)
14515	117021_1.R1040.f2	iaa(HMM:2.8e-20)
14516	LIB3087-002-Q1-K1-D9.f1	iaa(HMM:2.9e-28)
14517	109467_1.R1040.f3	iaa(HMM:2.9e-29)
14518	523_1.R1040.f2	iaa(HMM:2.9e-68)
14519	jex700908337.h1.f3	iaa(HMM:2e-05)
14520	4055_2.R1040.f1	iaa(HMM:2e-06)
14521	LIB3092-021-Q1-K1-A11.f3	iaa(HMM:2e-08)
14522	23694_1.R1040.f1	iaa(HMM:3.3e-34)
14523	636_2.R1040.f2	iaa(HMM:3.3e-56)
14524	2131_2.R1040.f1	iaa(HMM:3.5e-62)
14525	15272_1.R1040.f1	iaa(HMM:3.6e-61)
14526	788_2.R1040.f1	iaa(HMM:3.7e-57)
14527	jC-gmfl02220097f03a1.f3	iaa(HMM:4.2e-11)
14528	uaw700665388.h1.f3	iaa(HMM:4.5e-20)
14529	hrw701060413.h1.f1	iaa(HMM:4.7e-07)
14530	788_1.R1040.f2	iaa(HMM:4.7e-48)
14531	14925_1.R1040.f2	iaa(HMM:4e-32)
14532	303157_1.R1040.f2	iaa(HMM:5.2e-18)
14533	636_1.R1040.f2	iaa(HMM:5.5e-67)
14534	uC-gmronoir013c01b1.f2	iaa(HMM:6.3e-20)
14535	6HA-01-Q1-E1-B3.f6	iaa(HMM:6.4)
14536	zhf700959213.h1.f2	iaa(HMM:6.8e-08)
14537	uC-gmrominsoy141d12b1.f1	iaa(HMM:7.5)
14538	636_3.R1040.f1	iaa(HMM:8.6e-66)
14539	20122_1.R1040.f1	iaa(HMM:8.8e-12)
14540	zsg701124726.h1.f2	iaa(HMM:8.9e-05)
14541	523_3.R1040.f3	iaa(HMM:9.2e-11)
14542	4055_1.R1040.f1	iaa(HMM:9.6e-11)
14543	19644_1.R1040.f2	iaa(HMM:9.8e-62)
14544	205244_1.R1040.f3	ibr(HMM:0.34)
14545	58014_1.R1040.f3	ibr(HMM:1.3e-16)
14546	25497_1.R1040.f2	"ibr(HMM:2.5e-08),zf- c3hc4(HMM:0.013)"
14547	6965_2.R1040.f1	ibr(HMM:4.2e-20)
14548	6965_3.R1040.f3	ibr(HMM:5.5e-13)
14549	91156_1.R1040.f4	k-box(HMM:0.0036)
14550	k11701206994.h1.f2	k-box(HMM:0.004)
14551	LIB3139-100-P1-N1-H10.f3	k-box(HMM:0.0044)
14552	32643_1.R1040.f2	"k-box(HMM:0.0044),srf- tf(HMM:5.9e-36)"
14553	233177_1.R1040.f1	k-box(HMM:0.0091)

14554	244_1.R1040.f1	"k-box(HMM:0.013),srf- tf(HMM:6.5e-32)"
14555	LIB3050-012-Q1-E1-B4.f2	k-box(HMM:0.15)
14556	1579_3.R1040.f2	"k-box(HMM:1.1e-31),srf- tf(HMM:3.8e-37)"
14557	43586_2.R1040.f2	"k-box(HMM:1.2e-09),srf- tf(HMM:3.4e-36)"
14558	uC-gmflminsoy120d10b1.f1	k-box(HMM:1.5e-05)
14559	128341_1.R1040.f2	"k-box(HMM:1.5e-07),srf- tf(HMM:1.2e-32)"
14560	65324_1.R1040.f1	"k-box(HMM:1.6e-19),srf- tf(HMM:9.6e-35)"
14561	257856_1.R1040.f2	k-box(HMM:1.9e-18)
14562	180462_1.R1040.f2	"k-box(HMM:1e-06),srf- tf(HMM:1e-33)"
14563	67995_1.R1040.f3	"k-box(HMM:1e-12),srf- tf(HMM:4.5e-38)"
14564	35441_1.R1040.f3	"k-box(HMM:1e-21),srf- tf(HMM:7e-37)"
14565	15187_1.R1040.f2	"k-box(HMM:2.1e-22),srf- tf(HMM:6.4e-37)"
14566	43586_1.R1040.f1	"k-box(HMM:2.5e-18),srf- tf(HMM:2.6e-34)"
14567	47988_1.R1040.f2	"k-box(HMM:2.6e-05),srf- tf(HMM:2.2e-32)"
14568	63204_1.R1040.f3	"k-box(HMM:3.4e-12),srf- tf(HMM:6.1e-35)"
14569	1576_1.R1040.f3	"k-box(HMM:3.5),srf- tf(HMM:4.3e-37)"
14570	hyd700728433.h1.f1	k-box(HMM:3.7e-18)
14571	90218_1.R1040.f4	k-box(HMM:4.7e-07)
14572	15223_1.R1040.f1	"k-box(HMM:5.5e-15),srf- tf(HMM:9.4e-38)"
14573	xpa700793706.h1.f1	k-box(HMM:5.8e-23)
14574	1575_1.R1040.f2	"k-box(HMM:5.8e-27),srf- tf(HMM:1.3e-36)"
14575	hrw701059890.h1.f1	k-box(HMM:6.1e-10)
14576	139861_1.R1040.f1	k-box(HMM:6.8)
14577	1575_2.R1040.f3	"k-box(HMM:7e-36),srf- tf(HMM:6.5e-24)"
14578	ncj700979602.h2.f2	k-box(HMM:8.2e-05)
14579	LIB3072-059-Q1-K1-E6.f1	k-box(HMM:8.6e-20)
14580	zhf700963673.h1.f2	k-box(HMM:8e-10)
14581	jex700904960.h1.f1	k-box(HMM:8e-19)
14582	pxt700943986.h1.f1	lim(HMM:0.0001)
14583	LIB3139-011-P1-N1-C4.f3	lim(HMM:0.00019)
14584	80623_1.R1040.f1	lim(HMM:0.00047)
14585	zhf700956625.h1.f1	lim(HMM:0.00061)
14586	bnh700764577.h1.f2	lim(HMM:0.0015)
14587	LIB3028-011-Q1-B1-G8.f2	lim(HMM:0.0066)
14588	uC-gmropic090f10b1.f3	lim(HMM:0.06)
14589	jsh701067440.h1.f3	lim(HMM:0.13)
14590	1588_2.R1040.f1	lim(HMM:1.1e-34)
14591	LIB3028-037-Q1-B1-G7.f3	lim(HMM:1.2e-10)

14592	uC-gmropic043d06b1.f3	lim(HMM:1.5e-13)
14593	1582_1.R1040.f1	lim(HMM:1.7e-13)
14594	1970_1.R1040.f2	lim(HMM:1.8e-12)
14595	4747_2.R1040.f5	lim(HMM:2.2e-17)
14596	uC-gmropic020d02b1.f2	lim(HMM:2.4e-07)
14597	68293_1.R1040.f1	lim(HMM:2.8e-07)
14598	LIB3107-008-Q1-K1-D2.f2	lim(HMM:3.1e-11)
14599	2457_1.R1040.f1	lim(HMM:4.3e-14)
14600	191147_1.R1040.f1	lim(HMM:6.2e-13)
14601	jsh701068964.h1.f1	lim(HMM:6.3)
14602	1588_1.R1040.f2	lim(HMM:7.4e-34)
14603	3_1.R1040.f2	lim(HMM:7.5e-33)
14604	19201_1.R1040.f3	lim(HMM:9.8e-32)
14605	jex700904284.h1.f2	linker_histone(HMM:0.00018)
14606	LIB3049-029-Q1-E1-G6.f3	linker_histone(HMM:0.00018)
14607	3188_3.R1040.f1	linker_histone(HMM:0.00076)
14608	kll701206107.h1.f3	linker_histone(HMM:0.016)
14609	LIB3053-011-Q1-N1-F5.f3	linker_histone(HMM:1.2e-05)
14610	21518_1.R1040.f3	linker_histone(HMM:1.2e-21)
14611	121945_1.R1040.f2	linker_histone(HMM:1.2e-33)
14612	21656_2.R1040.f1	"linker_histone(HMM:1.5e-09),myb_dna-binding(HMM:0.34)"
14613	3188_1.R1040.f1	linker_histone(HMM:1.7e-31)
14614	fC-gmse7000755389a1.f2	linker_histone(HMM:1.8e-21)
14615	381_1.R1040.f1	linker_histone(HMM:1.8e-24)
14616	12908_1.R1040.f1	"linker_histone(HMM:1e-08),myb_dna-binding(HMM:0.0015)"
14617	8792_1.R1040.f2	linker_histone(HMM:2.5e-22)
14618	2930_1.R1040.f3	linker_histone(HMM:2.6e-36)
14619	2930_2.R1040.f1	linker_histone(HMM:3.9e-36)
14620	3188_2.R1040.f2	linker_histone(HMM:6.2e-32)
14621	21518_2.R1040.f2	linker_histone(HMM:6.5e-22)
14622	381_2.R1040.f2	linker_histone(HMM:8.6e-24)
14623	7409_1.R1040.f3	linker_histone(HMM:8.8e-28)
14624	7409_2.R1040.f2	linker_histone(HMM:9.2e-28)
14625	82419_1.R1040.f2	linker_histone(HMM:9.9e-22)
14626	114555_1.R1040.f3	myb_dna-binding(HMM:0.00017)
14627	21478_1.R1040.f2	myb_dna-binding(HMM:0.00017)
14628	93066_1.R1040.f5	myb_dna-binding(HMM:0.00021)
14629	21656_1.R1040.f1	myb_dna-binding(HMM:0.00044)
14630	LIB3139-090-P1-N1-C11.f3	myb_dna-binding(HMM:0.00047)
14631	130249_1.R1040.f3	myb_dna-binding(HMM:0.00053)
14632	jex700907612.h1.f2	myb_dna-binding(HMM:0.00069)
14633	ncj700985623.h1.f1	myb_dna-binding(HMM:0.00073)

14634	zhf700955159.h1.f2	myb_dna-binding(HMM:0.00084)
14635	kmv700739430.h1.f3	myb_dna-binding(HMM:0.001)
14636	seb700649584.h1.f1	myb_dna-binding(HMM:0.0012)
14637	29933_1.R1040.f3	myb_dna-binding(HMM:0.0021)
14638	zpz700831485.h1.f3	myb_dna-binding(HMM:0.0025)
14639	80674_1.R1040.f1	myb_dna-binding(HMM:0.003)
14640	g5263160_FL.f1	myb_dna-binding(HMM:0.0033)
14641	zhf700955837.h1.f2	myb_dna-binding(HMM:0.0038)
14642	LIB3053-014-Q1-N1-B5.f2	myb_dna-binding(HMM:0.0039)
14643	3217_8.R1040.f3	myb_dna-binding(HMM:0.004)
14644	124449_1.R1040.f1	myb_dna-binding(HMM:0.0049)
14645	30544_1.R1040.f3	myb_dna-binding(HMM:0.0052)
14646	4876_4.R1040.f2	myb_dna-binding(HMM:0.0062)
14647	epx701104710.h1.f3	myb_dna-binding(HMM:0.0069)
14648	bth700846492.h1.f3	myb_dna-binding(HMM:0.0091)
14649	105904_1.R1040.f1	myb_dna-binding(HMM:0.0093)
14650	244467_1.R1040.f2	myb_dna-binding(HMM:0.0098)
14651	13534_3.R1040.f1	myb_dna-binding(HMM:0.013)
14652	86871_1.R1040.f1	myb_dna-binding(HMM:0.019)
14653	LIB3028-053-Q1-B1-G10.f3	myb_dna-binding(HMM:0.031)
14654	45639_1.R1040.f1	myb_dna-binding(HMM:0.077)
14655	63926_1.R1040.f1	myb_dna-binding(HMM:0.079)
14656	kmv700738944.h1.f6	myb_dna-binding(HMM:0.089)
14657	rlr700896232.h1.f2	myb_dna-binding(HMM:0.12)
14658	284071_1.R1040.f2	myb_dna-binding(HMM:0.13)
14659	smc700750369.h1.f1	myb_dna-binding(HMM:0.13)
14660	zhf700952682.h1.f1	myb_dna-binding(HMM:0.19)
14661	zpz700831735.h1.f2	myb_dna-binding(HMM:0.6)
14662	vwf700678561.h1.f1	myb_dna-binding(HMM:0.71)
14663	bth700846742.h1.f2	myb_dna-binding(HMM:0.87)
14664	4876_3.R1040.f2	myb_dna-binding(HMM:0.97)
14665	96749_1.R1040.f1	myb_dna-binding(HMM:1.1)
14666	LIB3139-094-P1-N1-H9.f2	myb_dna-binding(HMM:1.1e-07)
14667	21478_2.R1040.f2	myb_dna-binding(HMM:1.1e-33)
14668	180_1.R1040.f3	myb_dna-binding(HMM:1.1e-40)
14669	1580_1.R1040.f3	myb_dna-binding(HMM:1.1e-43)
14670	154770_1.R1040.f2	myb_dna-binding(HMM:1.2e-14)
14671	20051_3.R1040.f1	myb_dna-binding(HMM:1.2e-17)
14672	21478_3.R1040.f2	myb_dna-binding(HMM:1.2e-26)
14673	357107_1.R1040.f3	myb_dna-binding(HMM:1.2e-37)
14674	70949_1.R1040.f2	myb_dna-binding(HMM:1.2e-59)
14675	uC-gmflminsoy044a10b1.f2	myb_dna-binding(HMM:1.3e-09)
14676	seb700653418.h1.f1	myb_dna-binding(HMM:1.3e-12)
14677	kll701213550.h1.f3	myb_dna-binding(HMM:1.3e-20)
14678	84019_1.R1040.f3	myb_dna-binding(HMM:1.4e-16)
14679	176584_1.R1040.f1	myb_dna-binding(HMM:1.4e-20)
14680	34995_1.R1040.f1	myb_dna-binding(HMM:1.4e-39)
14681	uC-gmropic018d09b1.f2	myb_dna-binding(HMM:1.5)
14682	21460_1.R1040.f1	myb_dna-binding(HMM:1.5e-10)
14683	uC-gmflminsoy117h06b1.f3	myb_dna-binding(HMM:1.5e-16)
14684	kll701214851.h1.f2	myb_dna-binding(HMM:1.5e-17)
14685	zsg701122944.h1.f3	myb_dna-binding(HMM:1.5e-19)
14686	gsv701052317.h1.f1	myb_dna-binding(HMM:1.5e-21)

777\_1.R1040.f3  
2141\_1.R1040.f1  
48087\_1.R1040.f1  
uC-gmropic013e04b1.f2  
180\_2.R1040.f2  
31738\_1.R1040.f1  
awf700838727.h1.f3  
g5606179.f2  
71223\_1.R1040.f2  
sat701005343.h1.f3  
9862\_1.R1040.f3  
LIB3170-049-Q1-K2-B6.f1  
19360\_1.R1040.f3  
24366\_2.R1040.f2  
jC-gmro02910002f03a1.f2  
16930\_2.R1040.f1  
260476\_1.R1040.f2  
19607\_1.R1040.f3  
144489\_1.R1040.f2  
rlr700896705.h1.f1  
245623\_1.R1040.f2  
47105\_2.R1040.f3  
245483\_1.R1040.f1  
62966\_2.R1040.f2  
149248\_1.R1040.f3  
75514\_1.R1040.f2  
eep700867030.h1.f3  
248951\_1.R1040.f1  
jC-gmro02910020f04a1.f1  
172305\_1.R1040.f3  
3364\_2.R1040.f3  
188397\_1.R1040.f1  
112119\_1.R1040.f2  
171008\_1.R1040.f1  
96749\_2.R1040.f3  
uC-gmromins0229c02b1.f2  
sat701007423.h2.f1  
zsg701123350.h1.f1  
194126\_1.R1040.f1  
pmv700890204.h1.f2  
3217\_1.R1040.f1  
LIB3051-078-Q1-K1-E6.f2  
3864\_1.R1040.f3  
uC-gmronoir056c06b1.f3  
20030\_1.R1040.f2  
775\_1.R1040.f2  
180\_3.R1040.f3  
24366\_1.R1040.f2  
jC-gmro02910009c07a1.f2  
780\_1.R1040.f1  
fua701040606.h1.f3  
LIB3039-030-Q1-E1-F11.f2  
779\_1.R1040.f2  
LIB3139-072-P1-N1-D11.f2

myb\_dna-binding(HMM:1.5e-27)  
myb\_dna-binding(HMM:1.5e-43)  
myb\_dna-binding(HMM:1.6e-07)  
myb\_dna-binding(HMM:1.6e-12)  
myb\_dna-binding(HMM:1.7)  
myb\_dna-binding(HMM:1.7e-05)  
myb\_dna-binding(HMM:1.7e-07)  
myb\_dna-binding(HMM:1.9)  
myb\_dna-binding(HMM:1.9e-05)  
myb\_dna-binding(HMM:1.9e-06)  
myb\_dna-binding(HMM:1.9e-25)  
myb\_dna-binding(HMM:1e-06)  
myb\_dna-binding(HMM:1e-40)  
myb\_dna-binding(HMM:1e-41)  
myb\_dna-binding(HMM:1e-41)  
myb\_dna-binding(HMM:2.1e-12)  
myb\_dna-binding(HMM:2.1e-19)  
myb\_dna-binding(HMM:2.1e-38)  
myb\_dna-binding(HMM:2.2e-10)  
myb\_dna-binding(HMM:2.2e-20)  
myb\_dna-binding(HMM:2.2e-23)  
myb\_dna-binding(HMM:2.2e-35)  
myb\_dna-binding(HMM:2.3e-20)  
myb\_dna-binding(HMM:2.3e-26)  
myb\_dna-binding(HMM:2.3e-46)  
myb\_dna-binding(HMM:2.4e-06)  
myb\_dna-binding(HMM:2.4e-07)  
myb\_dna-binding(HMM:2.4e-12)  
myb\_dna-binding(HMM:2.5e-06)  
myb\_dna-binding(HMM:2.5e-07)  
myb\_dna-binding(HMM:2.5e-09)  
myb\_dna-binding(HMM:2.5e-20)  
myb\_dna-binding(HMM:2.6e-06)  
myb\_dna-binding(HMM:2.6e-12)  
myb\_dna-binding(HMM:2.6e-12)  
myb\_dna-binding(HMM:2.6e-16)  
myb\_dna-binding(HMM:2.7e-06)  
myb\_dna-binding(HMM:2.8e-05)  
myb\_dna-binding(HMM:2.8e-18)  
myb\_dna-binding(HMM:2e-08)  
myb\_dna-binding(HMM:2e-11)  
myb\_dna-binding(HMM:2e-19)  
myb\_dna-binding(HMM:2e-36)  
myb\_dna-binding(HMM:3.1e-05)  
myb\_dna-binding(HMM:3.1e-44)  
myb\_dna-binding(HMM:3.2e-45)  
myb\_dna-binding(HMM:3.4e-20)  
myb\_dna-binding(HMM:3.4e-42)  
myb\_dna-binding(HMM:3.5e-29)  
myb\_dna-binding(HMM:3.5e-42)  
myb\_dna-binding(HMM:3.6e-05)  
myb\_dna-binding(HMM:3.6e-20)  
myb\_dna-binding(HMM:3.6e-30)  
myb\_dna-binding(HMM:3.6e-37)

14741	20051_2.R1040.f2	myb_dna-binding(HMM:3.7e-18)
14742	jex700907805.h1.f2	myb_dna-binding(HMM:3.7e-19)
14743	247674_1.R1040.f2	myb_dna-binding(HMM:3.7e-37)
14744	5100_1.R1040.f1	myb_dna-binding(HMM:3.8)
14745	zsg701129720.h1.f4	myb_dna-binding(HMM:3.8e-07)
14746	257832_1.R1040.f1	myb_dna-binding(HMM:3.8e-41)
14747	7213_2.R1040.f3	myb_dna-binding(HMM:3.8e-41)
14748	250760_1.R1040.f2	myb_dna-binding(HMM:3.9e-21)
14749	LIB3139-114-P1-N1-H8.f2	myb_dna-binding(HMM:3.9e-35)
14750	2210_1.R1040.f1	myb_dna-binding(HMM:3e-11)
14751	pmv700888167.h1.f2	myb_dna-binding(HMM:4.1e-17)
14752	107498_1.R1040.f2	myb_dna-binding(HMM:4.1e-19)
14753	34995_3.R1040.f2	myb_dna-binding(HMM:4.2e-16)
14754	LIB3109-021-Q1-K1-D10.f3	myb_dna-binding(HMM:4.3)
14755	uC-gmrominsoy098d02b1.f1	myb_dna-binding(HMM:4.3e-20)
14756	42909_1.R1040.f3	myb_dna-binding(HMM:4.3e-26)
14757	LIB3139-094-P1-N1-C12.f3	myb_dna-binding(HMM:4.5e-06)
14758	28901_1.R1040.f1	myb_dna-binding(HMM:4.5e-18)
14759	jsh701066326.h1.f2	myb_dna-binding(HMM:4.6e-14)
14760	118297_1.R1040.f1	myb_dna-binding(HMM:4.8e-10)
14761	7213_1.R1040.f3	myb_dna-binding(HMM:4.8e-20)
14762	1591_2.R1040.f2	myb_dna-binding(HMM:4.8e-40)
14763	82562_1.R1040.f1	myb_dna-binding(HMM:4.8e-40)
14764	176512_1.R1040.f1	myb_dna-binding(HMM:4.9e-06)
14765	266605_1.R1040.f3	myb_dna-binding(HMM:4.9e-07)
14766	59030_1.R1040.f3	myb_dna-binding(HMM:4.9e-10)
14767	vwf700679623.h1.f3	myb_dna-binding(HMM:4.9e-11)
14768	zhf700957658.h1.f3	myb_dna-binding(HMM:4.9e-14)
14769	asn701138849.h1.f1	myb_dna-binding(HMM:4e-14)
14770	139809_1.R1040.f3	myb_dna-binding(HMM:4e-21)
14771	62966_1.R1040.f3	myb_dna-binding(HMM:4e-41)
14772	257894_1.R1040.f2	myb_dna-binding(HMM:4e-43)
14773	epx701106671.h1.f2	myb_dna-binding(HMM:5.1e-05)
14774	LIB3028-034-Q1-B1-B10.f3	myb_dna-binding(HMM:5.2e-07)
14775	57011_1.R1040.f2	myb_dna-binding(HMM:5.3e-35)
14776	1591_1.R1040.f2	myb_dna-binding(HMM:5.4e-43)
14777	leu701150368.h1.f3	myb_dna-binding(HMM:5.5e-23)
14778	uC-gmrominsoy223d02b1.f2	myb_dna-binding(HMM:5.6)
14779	zzp700835878.h1.f1	myb_dna-binding(HMM:5.8e-05)
14780	121488_1.R1040.f2	myb_dna-binding(HMM:5.8e-09)
14781	203_1.R1040.f5	myb_dna-binding(HMM:5.8e-19)
14782	crh700850631.h1.f1	myb_dna-binding(HMM:5.9e-11)
14783	LIB3107-012-Q1-K1-H10.f1	myb_dna-binding(HMM:5e-10)
14784	LIB3092-054-Q1-K1-A2.f3	myb_dna-binding(HMM:6.1e-14)
14785	uC-gmrominsoy115e11b1.f2	myb_dna-binding(HMM:6.1e-20)
14786	3364_1.R1040.f3	myb_dna-binding(HMM:6.2e-10)
14787	9862_2.R1040.f1	myb_dna-binding(HMM:6.2e-12)
14788	LIB3106-090-Q1-K1-F5.f3	myb_dna-binding(HMM:6.7e-11)
14789	4876_1.R1040.f1	myb_dna-binding(HMM:6.8e-10)
14790	302312_1.R1040.f2	myb_dna-binding(HMM:6.9e-12)
14791	71891_1.R1040.f1	myb_dna-binding(HMM:7.2e-11)
14792	1908_3.R1040.f2	myb_dna-binding(HMM:7.2e-42)
14793	80576_1.R1040.f3	myb_dna-binding(HMM:7.4e-37)
14794	1580_2.R1040.f1	myb_dna-binding(HMM:7.5e-10)



LIB3028-027-Q1-B2-G6.f1	myb_dna-binding(HMM:7.5e-12)
21476_1.R1040.f2	myb_dna-binding(HMM:7.6e-11)
rca700999647.h1.f3	myb_dna-binding(HMM:7.6e-12)
4275_1.R1040.f3	myb_dna-binding(HMM:7.6e-46)
171890_1.R1040.f3	myb_dna-binding(HMM:7.7e-19)
80067_1.R1040.f1	myb_dna-binding(HMM:7.8e-37)
jsh701068223.h1.f3	myb_dna-binding(HMM:8.3e-18)
16930_1.R1040.f2	myb_dna-binding(HMM:8.6e-05)
65835_1.R1040.f2	myb_dna-binding(HMM:8.8e-12)
jex700906279.h1.f2	myb_dna-binding(HMM:8.8e-17)
20051_1.R1040.f3	myb_dna-binding(HMM:8.8e-18)
47105_3.R1040.f1	myb_dna-binding(HMM:8.8e-35)
776_1.R1040.f2	myb_dna-binding(HMM:8e-40)
64155_1.R1040.f3	myb_dna-binding(HMM:9.3)
jC-gmst02400009c05a1.f1	myb_dna-binding(HMM:9.4e-10)
1908_1.R1040.f2	myb_dna-binding(HMM:9.4e-43)
70302_1.R1040.f3	myb_dna-binding(HMM:9.5e-11)
6778_1.R1040.f2	myb_dna-binding(HMM:9.6e-22)
243023_1.R1040.f1	myb_dna-binding(HMM:9.9e-20)
222514_1.R1040.f2	myb_dna-binding(HMM:9e-42)
278162_1.R1040.f2	nam(HMM:0.00026)
LIB3092-021-Q1-K1-B7.f1	nam(HMM:0.00061)
txt700736976.h1.f1	nam(HMM:0.0007)
22509_1.R1040.f2	nam(HMM:0.0011)
15673_1.R1040.f1	nam(HMM:0.002)
jC-gmfl02220127e09a1.f1	nam(HMM:0.0026)
950_3.R1040.f3	nam(HMM:0.0035)
LIB3051-085-Q1-K1-E5.f3	nam(HMM:0.0047)
fde700874479.h1.f2	nam(HMM:0.005)
107040_1.R1040.f2	nam(HMM:0.016)
50066_1.R1040.f3	nam(HMM:0.017)
83251_3.R1040.f3	nam(HMM:0.017)
LIB3138-042-Q1-N1-C2.f3	nam(HMM:0.023)
fua701041472.h1.f3	nam(HMM:0.024)
jex700907943.h1.f2	nam(HMM:0.058)
LIB3170-055-Q1-K1-C1.f3	nam(HMM:0.08)
pmv700890165.h1.f1	nam(HMM:0.19)
zsg701130443.h1.f3	nam(HMM:0.25)
62967_2.R1040.f3	nam(HMM:1.1e-09)
49984_1.R1040.f1	nam(HMM:1.1e-39)
34859_1.R1040.f2	nam(HMM:1.1e-41)
16783_6.R1040.f2	nam(HMM:1.1e-81)
214388_1.R1040.f2	nam(HMM:1.2e-05)
zsg701123582.h1.f2	nam(HMM:1.2e-07)
28563_1.R1040.f3	nam(HMM:1.2e-83)
950_2.R1040.f1	nam(HMM:1.2e-84)
20975_1.R1040.f1	nam(HMM:1.3e-82)
xpa700792796.h1.f1	nam(HMM:1.4e-10)
16783_2.R1040.f1	nam(HMM:1.4e-33)
191901_1.R1040.f2	nam(HMM:1.5e-09)
7262_1.R1040.f1	nam(HMM:1.5e-71)
209717_1.R1040.f3	nam(HMM:1.6e-59)
950_6.R1040.f1	nam(HMM:1.7e-08)
jex700903290.h1.f1	nam(HMM:1.7e-08)

14849	sat701003436.h1.f3	nam(HMM:1.7e-09)
14850	LIB3092-046-Q1-K1-D7.f3	nam(HMM:1.7e-10)
14851	4749_3.R1040.f3	nam(HMM:1.8e-73)
14852	4937_2.R1040.f3	nam(HMM:1e-36)
14853	64148_1.R1040.f1	nam(HMM:1e-43)
14854	183014_1.R1040.f1	nam(HMM:1e-66)
14855	100436_1.R1040.f3	nam(HMM:2.1e-07)
14856	31540_1.R1040.f3	nam(HMM:2.1e-76)
14857	83251_6.R1040.f2	nam(HMM:2.3e-06)
14858	LIB3028-036-Q1-B1-H1.f3	nam(HMM:2.3e-41)
14859	jex700908442.h1.f2	nam(HMM:2.4e-10)
14860	23655_1.R1040.f3	nam(HMM:2.4e-88)
14861	zhf700954809.h1.f3	nam(HMM:2.5e-18)
14862	29855_1.R1040.f3	nam(HMM:2.5e-75)
14863	26446_1.R1040.f1	nam(HMM:2.5e-76)
14864	ssr700555303.h1.f2	nam(HMM:2.6e-08)
14865	75484_1.R1040.f2	nam(HMM:2.8e-17)
14866	zlv700807675.h1.f1	nam(HMM:2.8e-22)
14867	174243_1.R1040.f3	nam(HMM:2.9e-05)
14868	950_1.R1040.f2	nam(HMM:2.9e-84)
14869	LIB3170-071-Q1-J1-E9.f1	nam(HMM:2e-06)
14870	7262_2.R1040.f2	nam(HMM:3.1e-06)
14871	33057_1.R1040.f2	nam(HMM:3.1e-20)
14872	LIB3092-007-Q1-K1-G3.f3	nam(HMM:3.3e-06)
14873	79728_1.R1040.f3	nam(HMM:3.4e-89)
14874	100436_2.R1040.f3	nam(HMM:3.5e-05)
14875	LIB3139-025-P1-N1-C11.f3	nam(HMM:3.6e-20)
14876	117417_1.R1040.f2	nam(HMM:3.7e-12)
14877	950_5.R1040.f2	nam(HMM:3.7e-82)
14878	jC-gmfl02220086d01a1.f3	nam(HMM:3.8e-14)
14879	LIB3051-016-Q1-E1-F9.f2	nam(HMM:3.8e-33)
14880	72499_1.R1040.f2	nam(HMM:3.9e-05)
14881	2459_1.R1040.f3	nam(HMM:3e-53)
14882	LIB3093-046-Q1-K1-A1.f2	nam(HMM:4.1e-07)
14883	5121_1.R1040.f1	nam(HMM:4.1e-08)
14884	4937_1.R1040.f2	nam(HMM:4.1e-80)
14885	LIB3093-017-Q1-K2-C2.f3	nam(HMM:4.2e-09)
14886	fua701042317.h1.f3	nam(HMM:4.4e-12)
14887	uC-gmrominsoy261a05b1.f3	nam(HMM:4.5e-50)
14888	zhf700963825.h1.f3	nam(HMM:4.6e-20)
14889	uC-gmflminsoy001f04b1.f1	nam(HMM:4.6e-21)
14890	221624_1.R1040.f3	nam(HMM:5.2e-08)
14891	crh700850986.h1.f3	nam(HMM:5.4e-08)
14892	5442_1.R1040.f2	nam(HMM:5.5e-09)
14893	LIB3056-003-Q1-N1-G7.f3	nam(HMM:5.5e-43)
14894	LIB3167-002-Q1-K1-D9.f2	nam(HMM:5.6e-25)
14895	4749_1.R1040.f2	nam(HMM:5.6e-84)
14896	rlr700896888.h1.f1	nam(HMM:5.7e-05)
14897	105492_1.R1040.f2	nam(HMM:5.7e-36)
14898	27026_1.R1040.f1	nam(HMM:5.8e-40)
14899	LIB3139-065-P1-N1-E3.f2	nam(HMM:5.9e-22)
14900	trc700567730.h1.f1	nam(HMM:5e-05)
14901	242869_1.R1040.f1	nam(HMM:6)
14902	LIB3106-060-Q1-K1-E1.f2	nam(HMM:6.2e-10)

14903	uC-gmrominsoy049d08b1.f2	nam(HMM:6.3e-28)
14904	153402_1.R1040.f2	nam(HMM:6.8e-09)
14905	LIB3170-078-Q1-K1-F10.f2	nam(HMM:6.9)
14906	LIB3092-045-Q1-K1-A10.f1	nam(HMM:7.2e-06)
14907	4301_1.R1040.f2	nam(HMM:7.4e-88)
14908	950_9.R1040.f3	nam(HMM:7.9e-35)
14909	5121_2.R1040.f2	nam(HMM:8.5e-78)
14910	21252_1.R1040.f2	nam(HMM:8.5e-84)
14911	LIB3139-106-P1-N1-C7.f1	nam(HMM:9.1e-10)
14912	uC-gmflminsoy052a04b1.f1	nam(HMM:9.1e-10)
14913	29741_1.R1040.f6	nam(HMM:9.3e-86)
14914	1957_4.R1040.f3	nam(HMM:9.6e-24)
14915	135443_1.R1040.f3	nap_family(HMM:0.00026)
14916	285699_1.R1040.f3	nap_family(HMM:1.1e-09)
14917	614_1.R1040.f3	nap_family(HMM:1.2e-141)
14918	614_2.R1040.f2	nap_family(HMM:1.8e-135)
14919	rlr700899387.h1.f1	nap_family(HMM:1.9e-07)
14920	614_4.R1040.f1	nap_family(HMM:2.4e-16)
14921	119899_1.R1040.f2	nap_family(HMM:2.6e-16)
14922	uC-gmrominsoy032d03b1.f3	nap_family(HMM:4.8e-24)
14923	6106_1.R1040.f2	nap_family(HMM:7.1e-05)
14924	13433_1.R1040.f2	nap_family(HMM:7.9e-10)
14925	uC-gmflminsoy034g10b1.f2	nap_family(HMM:9.7e-22)
14926	27490_1.R1040.f2	phd(HMM:0.00012)
14927	fua701042662.h1.f2	phd(HMM:0.00019)
14928	36243_1.R1040.f1	phd(HMM:0.00042)
14929	uC-gmflminsoy049c10b1.f1	phd(HMM:0.00057)
14930	193369_1.R1040.f1	phd(HMM:0.00092)
14931	143342_1.R1040.f1	phd(HMM:0.0011)
14932	26300_1.R1040.f2	phd(HMM:0.0012)
14933	17364_1.R1040.f2	phd(HMM:0.0098)
14934	283013_1.R1040.f1	phd(HMM:0.016)
14935	txt700735931.h1.f2	phd(HMM:0.057)
14936	105132_1.R1040.f2	phd(HMM:0.063)
14937	g5342387.f3	phd(HMM:0.066)
14938	44068_1.R1040.f3	phd(HMM:0.068)
14939	10868_1.R1040.f3	phd(HMM:0.079)
14940	170309_1.R1040.f3	phd(HMM:0.088)
14941	awf700840012.h1.f3	phd(HMM:0.1)
14942	178799_1.R1040.f1	phd(HMM:0.11)
14943	43239_1.R1040.f2	phd(HMM:0.11)
14944	177071_1.R1040.f3	phd(HMM:0.19)
14945	22589_1.R1040.f2	phd(HMM:0.25)
14946	kmv700738858.h1.f1	phd(HMM:0.32)
14947	92884_1.R1040.f6	phd(HMM:0.61)
14948	LIB3074-020-Q1-E1-F7.f2	phd(HMM:1.1e-06)
14949	gsv701051914.h1.f3	phd(HMM:1.2e-05)
14950	25649_1.R1040.f3	phd(HMM:1.2e-08)
14951	uC-gmrominsoy277f07b1.f2	phd(HMM:1.2e-08)
14952	28814_1.R1040.f1	"phd(HMM:1.2e-08),zf-c3hc4(HMM:0.0029)"
14953	187712_1.R1040.f1	phd(HMM:1.3)
14954	uC-gmronoir030c05b1.f1	phd(HMM:1.4e-05)
14955	199515_1.R1040.f4	phd(HMM:1.4e-07)

14956	22750_1.R1040.f1	phd(HMM:1.4e-11)
14957	4392_2.R1040.f2	phd(HMM:1.6e-05)
14958	36464_1.R1040.f1	phd(HMM:1.7e-08)
14959	LIB3051-035-Q1-K1-E3.f1	phd(HMM:1.9e-09)
14960	uxk700670734.h1.f2	phd(HMM:2.1)
14961	12175_1.R1040.f1	phd(HMM:2.2e-13)
14962	uC-gmflminsoy064a08b1.f2	phd(HMM:2.4e-05)
14963	leu701147512.h1.f2	phd(HMM:2.5e-05)
14964	127472_1.R1040.f3	phd(HMM:2.6)
14965	pxt700945325.h1.f1	phd(HMM:2.7e-09)
14966	jC-gmle01810010c06a1.f1	phd(HMM:2e-08)
14967	32404_1.R1040.f2	phd(HMM:3.7e-09)
14968	21661_1.R1040.f2	phd(HMM:4e-10)
14969	sat701013026.h1.f2	phd(HMM:5.5e-06)
14970	188899_1.R1040.f3	phd(HMM:6.3e-14)
14971	LIB3051-007-Q1-E1-H12.f3	phd(HMM:9.2e-06)
14972	271051_1.R1040.f3	response_reg(HMM:0.00054)
14973	85237_1.R1040.f1	response_reg(HMM:0.00056)
14974	35397_1.R1040.f3	response_reg(HMM:0.00058)
14975	105436_1.R1040.f3	response_reg(HMM:0.00089)
14976	fua701039913.h1.f3	response_reg(HMM:0.001)
14977	zzp700835470.h1.f1	response_reg(HMM:0.0011)
14978	leu701151793.h1.f1	response_reg(HMM:0.0021)
14979	uC-gmropic009c02b1.f2	response_reg(HMM:0.0023)
14980	kl1701210281.h1.f3	response_reg(HMM:0.003)
14981	fde700871314.h1.f1	response_reg(HMM:0.0065)
14982	75868_1.R1040.f3	response_reg(HMM:0.018)
14983	dpv701097689.h1.f2	response_reg(HMM:0.024)
14984	73518_3.R1040.f1	response_reg(HMM:0.18)
14985	jC-gmle01810063c02a1.f3	response_reg(HMM:1.1e-15)
14986	124583_1.R1040.f2	response_reg(HMM:1.3e-05)
14987	LIB3139-088-P1-N1-F8.f2	response_reg(HMM:1.3e-19)
14988	72381_1.R1040.f1	response_reg(HMM:1.3e-28)
14989	zsg701118832.h1.f1	response_reg(HMM:1.4)
14990	LIB3109-012-Q1-K1-E5.f2	response_reg(HMM:1.4e-08)
14991	uC-gmropic044a03b1.f2	response_reg(HMM:1.7e-09)
14992	uC-gmropic061b05b1.f1	response_reg(HMM:1.7e-09)
14993	g4395737.f2	response_reg(HMM:1.9e-10)
14994	5581_1.R1040.f1	response_reg(HMM:1.9e-13)
14995	jC-gmfl02220130a12d1.f4	response_reg(HMM:1e-06)
14996	25884_1.R1040.f3	response_reg(HMM:2.2e-06)
14997	73518_4.R1040.f1	response_reg(HMM:2.7e-11)
14998	29380_1.R1040.f3	response_reg(HMM:3.1e-11)
14999	asn701131711.h1.f2	response_reg(HMM:3.4e-06)
15000	45621_1.R1040.f2	response_reg(HMM:4.2e-34)
15001	gsv701054924.h1.f1	response_reg(HMM:4.4e-05)
15002	17563_1.R1040.f3	response_reg(HMM:4.7e-13)
15003	233110_1.R1040.f2	response_reg(HMM:4e-05)
15004	73518_2.R1040.f1	response_reg(HMM:5.8e-08)
15005	18103_1.R1040.f3	response_reg(HMM:6e-05)
15006	4560_1.R1040.f2	response_reg(HMM:7.4e-26)
15007	LIB3087-003-Q1-K1-B2.f2	response_reg(HMM:7.5e-06)
15008	101194_1.R1040.f3	response_reg(HMM:7.8e-37)
15009	73283_1.R1040.f1	response_reg(HMM:8.4e-33)

15010	6815_1.R1040.f2	response_reg(HMM:8.5e-15)
15011	48962_1.R1040.f2	response_reg(HMM:8.5e-16)
15012	wrg700792139.h1.f3	response_reg(HMM:9.1e-07)
15013	LIB3138-130-Q1-N1-B4.f1	response_reg(HMM:9.4e-05)
15014	241475_2.R1040.f1	sbpb(HMM:0.00018)
15015	LIB3093-052-Q1-K1-H5.f2	sbpb(HMM:0.00097)
15016	zzp700834064.h1.f2	sbpb(HMM:0.0011)
15017	96796_1.R1040.f2	sbpb(HMM:0.81)
15018	944_1.R1040.f1	sbpb(HMM:1.2e-41)
15019	txt700734849.h1.f1	sbpb(HMM:1.3e-38)
15020	271757_1.R1040.f1	sbpb(HMM:2.6e-19)
15021	25838_1.R1040.f3	sbpb(HMM:2.7e-42)
15022	zhf700959795.h1.f3	sbpb(HMM:3.1e-36)
15023	241475_1.R1040.f3	sbpb(HMM:3.8e-19)
15024	LIB3039-011-Q1-E1-G1.f1	sbpb(HMM:4.1)
15025	4787_1.R1040.f2	sbpb(HMM:4.5e-43)
15026	LIB3138-105-Q1-N1-F7.f2	sbpb(HMM:5.7e-06)
15027	244791_1.R1040.f2	scr(HMM:0.00034)
15028	17966_1.R1040.f3	scr(HMM:0.00069)
15029	101957_1.R1040.f2	scr(HMM:0.0023)
15030	142103_1.R1040.f1	scr(HMM:0.0034)
15031	48649_2.R1040.f1	scr(HMM:0.006)
15032	fC-gmfl700903946h1.f3	scr(HMM:0.007)
15033	LIB3106-102-Q1-K1-C2.f1	scr(HMM:0.0085)
15034	41704_1.R1040.f3	scr(HMM:0.015)
15035	jC-gmfl02220090c02d1.f3	scr(HMM:0.56)
15036	3547_1.R1040.f3	scr(HMM:1.1e-151)
15037	ncj700975650.h1.f3	scr(HMM:1.1e-31)
15038	121932_1.R1040.f3	scr(HMM:1.3e-06)
15039	43691_1.R1040.f1	scr(HMM:1.3e-09)
15040	80336_1.R1040.f1	scr(HMM:1.3e-22)
15041	285340_1.R1040.f2	scr(HMM:1.4e-05)
15042	8204_1.R1040.f2	scr(HMM:1.4e-08)
15043	wrg700789403.h2.f1	scr(HMM:1.4e-22)
15044	LIB3028-021-Q1-B1-B5.f2	scr(HMM:1.6e-10)
15045	19625_4.R1040.f1	scr(HMM:1.8e-09)
15046	81164_1.R1040.f1	scr(HMM:1.9e-106)
15047	1377_1.R1040.f3	scr(HMM:1.9e-49)
15048	19582_1.R1040.f2	scr(HMM:1e-14)
15049	rlr700900211.h1.f2	scr(HMM:2.1e-12)
15050	7491_1.R1040.f2	scr(HMM:2.1e-13)
15051	108854_1.R1040.f2	scr(HMM:2.3e-11)
15052	19625_2.R1040.f3	scr(HMM:2.3e-11)
15053	wrg700789643.h2.f2	scr(HMM:2.4e-06)
15054	jex700908128.h1.f2	scr(HMM:2.4e-08)
15055	19737_1.R1040.f2	scr(HMM:2.4e-13)
15056	102573_1.R1040.f2	scr(HMM:2.4e-47)
15057	33972_1.R1040.f3	scr(HMM:2.5e-74)
15058	jex700904893.h1.f3	scr(HMM:2.6e-10)
15059	48649_1.R1040.f1	scr(HMM:2.6e-164)
15060	103055_1.R1040.f1	scr(HMM:2.8e-06)
15061	kll701204934.h1.f1	scr(HMM:2e-09)
15062	vwf700676535.h1.f2	scr(HMM:3.1e-15)
15063	102345_1.R1040.f1	scr(HMM:3.2e-13)

15064	sat701009339.h1.f2	scr(HMM:3.4e-25)
15065	76507_1.R1040.f2	scr(HMM:3.7e-24)
15066	27377_1.R1040.f2	scr(HMM:3.8)
15067	LIB3138-015-Q1-N1-D12.f2	scr(HMM:3.8e-26)
15068	g4292932.f3	scr(HMM:3.9)
15069	19905_1.R1040.f2	scr(HMM:3.9e-08)
15070	12831_1.R1040.f3	scr(HMM:4.1e-121)
15071	76513_1.R1040.f2	scr(HMM:4.1e-60)
15072	hrw701060534.h1.f3	scr(HMM:4.2e-37)
15073	78501_1.R1040.f1	scr(HMM:4.6e-08)
15074	awf700837816.h1.f3	scr(HMM:4.9e-20)
15075	fua701043180.h1.f1	scr(HMM:4.9e-29)
15076	eep700867665.h1.f2	scr(HMM:4e-05)
15077	uC-gmrominsoy171c07b1.f1	scr(HMM:6.7e-06)
15078	dpv701099003.h1.f3	scr(HMM:6.7e-27)
15079	25740_1.R1040.f1	scr(HMM:6.8e-08)
15080	58336_1.R1040.f1	scr(HMM:6.8e-20)
15081	310076_1.R1040.f1	scr(HMM:7.1e-08)
15082	LIB3051-047-Q1-K1-H7.f1	scr(HMM:7.1e-15)
15083	27171_1.R1040.f2	scr(HMM:7.8e-127)
15084	zzp700831503.h1.f4	scr(HMM:7.9e-08)
15085	344207_1.R1040.f1	scr(HMM:8.1e-06)
15086	47105_4.R1040.f1	scr(HMM:8.1e-15)
15087	zzp700830681.h1.f3	scr(HMM:8.4e-05)
15088	49946_1.R1040.f3	scr(HMM:8.8e-15)
15089	xpa700795232.h1.f3	scr(HMM:9.3e-14)
15090	12169_1.R1040.f2	set(HMM:0.00026)
15091	pxt700942511.h1.f2	set(HMM:0.0013)
15092	285750_1.R1040.f2	set(HMM:0.002)
15093	wrg700790260.h2.f1	set(HMM:0.44)
15094	LIB3051-019-Q1-E1-F3.f2	set(HMM:1.2e-08)
15095	141239_1.R1040.f1	set(HMM:1.3)
15096	75558_1.R1040.f1	set(HMM:1.5e-43)
15097	uC-gmrominsoy039d12b1.f1	set(HMM:1.6e-05)
15098	70310_1.R1040.f2	set(HMM:2.3e-05)
15099	g5753642.f3	set(HMM:2.7e-21)
15100	341694_1.R1040.f3	set(HMM:2e-12)
15101	23495_1.R1040.f3	set(HMM:5.5e-05)
15102	54288_1.R1040.f3	set(HMM:6.7e-05)
15103	LIB3049-034-Q1-E1-G9.f1	set(HMM:7.3)
15104	LIB3106-079-P1-K1-D1.f3	set(HMM:7.5e-10)
15105	pxt700944139.h1.f1	set(HMM:7.8e-12)
15106	74446_1.R1040.f1	set(HMM:7.9e-43)
15107	zzp700835731.h1.f2	set(HMM:8.3e-09)
15108	75008_1.R1040.f3	set(HMM:8.4)
15109	zhf700961475.h1.f2	snf2_n(HMM:0.00023)
15110	leu701148244.h1.f1	snf2_n(HMM:0.00028)
15111	wrg700787754.h2.f2	snf2_n(HMM:0.0071)
15112	uC-gmropic021h02b1.f3	snf2_n(HMM:0.037)
15113	56644_1.R1040.f1	snf2_n(HMM:0.041)
15114	LIB3170-081-Q1-J1-C11.f6	snf2_n(HMM:0.042)
15115	142237_1.R1040.f2	snf2_n(HMM:0.86)
15116	174356_1.R1040.f2	snf2_n(HMM:1.1e-08)
15117	zhf700953331.h1.f2	snf2_n(HMM:1.1e-29)



15171	46096_1.R1040.f2	srf-tf(HMM:5.7e-13)
15172	LIB3109-031-Q1-K1-F1.f3	srf-tf(HMM:6.1e-35)
15173	35441_2.R1040.f3	srf-tf(HMM:6.3e-15)
15174	kll701214813.h1.f3	srf-tf(HMM:6.9e-18)
15175	128341_2.R1040.f3	srf-tf(HMM:7.1e-25)
15176	59748_1.R1040.f3	srf-tf(HMM:7.2e-26)
15177	pcp700994373.h1.f3	srf-tf(HMM:7.2e-33)
15178	15477_1.R1040.f2	srf-tf(HMM:7.8e-27)
15179	32643_2.R1040.f1	srf-tf(HMM:8e-36)
15180	epx701108616.h1.f3	srf-tf(HMM:8e-37)
15181	trc700567764.h1.f2	tbp(HMM:0.002)
15182	dpu701100555.h1.f2	tbp(HMM:0.0086)
15183	617_2.R1040.f3	tbp(HMM:1.3e-18)
15184	48606_1.R1040.f2	tbp(HMM:1.3e-44)
15185	617_1.R1040.f3	tbp(HMM:3e-81)
15186	LIB3138-088-P1-N1-C6.f3	teo(HMM:0.00014)
15187	zhf700956403.h1.f1	teo(HMM:0.003)
15188	g4292721.f2	teo(HMM:0.0033)
15189	102330_1.R1040.f6	teo(HMM:0.013)
15190	LIB3093-012-Q1-K1-E3.f2	teo(HMM:0.051)
15191	g5606956.f2	teo(HMM:1.4e-25)
15192	jC-gmle01810063f05a1.f1	teo(HMM:1.5e-22)
15193	uC-gmflminsoy099a08b1.f3	teo(HMM:1.6e-21)
15194	5448_2.R1040.f1	teo(HMM:1.6e-35)
15195	5448_3.R1040.f3	teo(HMM:1.6e-35)
15196	LIB3106-019-Q1-K1-B7.f1	teo(HMM:1.7e-33)
15197	5448_6.R1040.f1	teo(HMM:1.7e-34)
15198	hyd700725110.h1.f2	teo(HMM:5.3)
15199	183520_1.R1040.f2	teo(HMM:5.7e-05)
15200	hyd700729312.h1.f2	teo(HMM:6.1)
15201	awf700837637.h1.f1	teo(HMM:6.2e-07)
15202	vwf700679824.h1.f1	teo(HMM:6.5e)
15203	vzy700756889.h1.f3	teo(HMM:6.6e-)
15204	60123_1.R1040.f1	teo(HMM:6.8e-)
15205	33770_1.R1040.f3	teo(HMM:7.4e-38)
15206	9933_1.R1040.f3	teo(HMM:8.7e-13)
15207	60123_2.R1040.f3	teo(HMM:9.7e-37)
15208	10561_1.R1040.f1	tflis(HMM:5.3e-07)
15209	465_1.R1040.f3	transcript_fa M:1.3e-58)
15210	bth700843928.h1.f1	transcript_f M:3.1e-10)
15211	68771_1.R1040.f3	transcript M:4.9e-17)
15212	pcp700995421.h1.f2	(HMM:0.00017)
15213	17983_1.R1040.f3	(HMM:0.00019)
15214	128010_1.R1040.f1	trihelix(HMM:0.00037)
15215	209142_1.R1040.f2	trihelix(HMM:0.00052)
15216	jC-gmst02400026g10d1.f6	trihelix(HMM:0.0014)
15217	seb700653894.h1.f1	trihelix(HMM:0.0035)
15218	12115_1.R1040.f1	trihelix(HMM:0.0043)
15219	pxt700946369.h1.f1	trihelix(HMM:0.026)
15220	eep700870423.h1.f2	trihelix(HMM:0.04)
15221	wrg700787666.h2.f1	trihelix(HMM:0.091)
15222	47689_1.R1040.f2	trihelix(HMM:0.96)
15223	epx701105054.h1.f2	trihelix(HMM:1.1)
15224	jC-gmfl02220053d12a1.f2	trihelix(HMM:1.1e-10)



15225	111137_1.R1040.f3	trihelix(HMM:1.1e-53)
15226	22613_1.R1040.f1	trihelix(HMM:1.6e-27)
15227	21514_2.R1040.f3	trihelix(HMM:1.9e-13)
15228	48447_2.R1040.f1	trihelix(HMM:2.1e-51)
15229	179118_1.R1040.f2	trihelix(HMM:2.3e-11)
15230	21514_1.R1040.f2	trihelix(HMM:2.5e-11)
15231	leu701147318.h1.f5	trihelix(HMM:3.6e-09)
15232	awf700842639.h1.f1	trihelix(HMM:3e-12)
15233	epx701104659.h1.f3	trihelix(HMM:4e-05)
15234	leu701154819.h1.f3	trihelix(HMM:4e-26)
15235	266337_2.R1040.f3	trihelix(HMM:4e-36)
15236	48447_1.R1040.f1	trihelix(HMM:5.8e-49)
15237	59136_1.R1040.f1	trihelix(HMM:7.9e-08)
15238	266337_1.R1040.f1	trihelix(HMM:8.6e-23)
15239	LIB3106-098-Q1-K1-A2.f3	trihelix(HMM:9.3e-18)
15240	90535_2.R1040.f4	wrky(HMM:0.00024)
15241	gsv701045076.h1.f2	wrky(HMM:0.00031)
15242	zhf700955317.h1.f1	wrky(HMM:0.00047)
15243	LIB3138-090-P1-N1-F6.f1	wrky(HMM:0.00075)
15244	290580_1.R1040.f1	wrky(HMM:0.00092)
15245	gsv701046755.h1.f3	wrky(HMM:0.00094)
15246	131136_1.R1040.f3	wrky(HMM:0.0013)
15247	uC-gmronoir041h05b1.f2	wrky(HMM:0.0037)
15248	jC-gmro02910003h07a1.f2	wrky(HMM:0.0039)
15249	33169_1.R1040.f2	wrky(HMM:0.0055)
15250	g4291797.f2	wrky(HMM:0.0062)
15251	uxk700667180.h1.f3	wrky(HMM:0.0071)
15252	23922_4.R1040.f3	wrky(HMM:0.014)
15253	26104_1.R1040.f2	wrky(HMM:0.015)
15254	89815_1.R1040.f4	wrky(HMM:0.017)
15255	kl1701212095.h1.f3	wrky(HMM:0.02)
15256	g4396678.f2	wrky(HMM:0.022)
15257	pmv700889362.h1.f3	wrky(HMM:0.038)
15258	106626_2.R1040.f3	wrky(HMM:0.044)
15259	49185_2.R1040.f3	wrky(HMM:0.048)
15260	223518_1.R1040.f3	wrky(HMM:0.089)
15261	75608_1.R1040.f1	wrky(HMM:0.22)
15262	LIB3093-052-Q1-K1-F6.f6	wrky(HMM:0.46)
15263	jC-gmro02910008b07a1.f3	wrky(HMM:0.49)
15264	bth700848185.h1.f3	wrky(HMM:0.61)
15265	32308_1.R1040.f3	wrky(HMM:0.64)
15266	jC-gmfl02220142g12a1.f1	wrky(HMM:1.1)
15267	jsh701063748.h1.f2	wrky(HMM:1.1e-14)
15268	28237_1.R1040.f1	wrky(HMM:1.1e-32)
15269	LIB3139-056-P1-N1-F6.f3	wrky(HMM:1.2e-14)
15270	20319_1.R1040.f1	wrky(HMM:1.3e-38)
15271	20538_1.R1040.f2	wrky(HMM:1.3e-41)
15272	59118_1.R1040.f1	wrky(HMM:1.4e-38)
15273	pmv700888487.h1.f1	wrky(HMM:1.5e-37)
15274	203656_1.R1040.f2	wrky(HMM:1.5e-41)
15275	23922_1.R1040.f2	wrky(HMM:1.5e-42)
15276	203656_2.R1040.f3	wrky(HMM:1.6e-10)
15277	315174_1.R1040.f2	wrky(HMM:1.6e-27)
15278	4989_1.R1040.f1	wrky(HMM:1.6e-39)

15279	49557_1.R1040.f1	wrky(HMM:1.6e-40)
15280	180690_1.R1040.f2	wrky(HMM:1.8e-06)
15281	210287_1.R1040.f3	wrky(HMM:1.8e-30)
15282	62859_1.R1040.f1	wrky(HMM:1.9e-44)
15283	LIB3050-011-Q1-E1-A10.f2	wrky(HMM:2.1e-28)
15284	106626_1.R1040.f2	wrky(HMM:2.1e-33)
15285	271883_1.R1040.f3	wrky(HMM:2.2e-90)
15286	28599_1.R1040.f3	wrky(HMM:2.3e-35)
15287	jex700906508.h1.f2	wrky(HMM:2.4e-29)
15288	txt700732134.h1.f2	wrky(HMM:2.5)
15289	33911_2.R1040.f1	wrky(HMM:2e-16)
15290	92768_1.R1040.f4	wrky(HMM:3.3e-41)
15291	15043_1.R1040.f2	wrky(HMM:3.3e-44)
15292	zsg701123986.h1.f1	wrky(HMM:3.4)
15293	2719_1.R1040.f1	wrky(HMM:3.4e-39)
15294	33911_1.R1040.f3	wrky(HMM:3.6e-41)
15295	fde700874291.h1.f1	wrky(HMM:3.8e-06)
15296	20857_1.R1040.f3	wrky(HMM:3.9e-13)
15297	LIB3050-015-Q1-E1-F6.f2	wrky(HMM:3e-06)
15298	jC-gmro02910037c12a1.f2	wrky(HMM:4.2e-32)
15299	23922_3.R1040.f1	wrky(HMM:4.2e-42)
15300	149364_1.R1040.f2	wrky(HMM:4.3e-06)
15301	zsg701123055.h1.f1	wrky(HMM:4.3e-06)
15302	78602_1.R1040.f2	wrky(HMM:4.5e-39)
15303	6HC-01-Q1-E1-B11.f5	wrky(HMM:4.6e-23)
15304	LIB3051-037-Q1-K1-F6.f3	wrky(HMM:4.6e-36)
15305	123589_1.R1040.f2	wrky(HMM:4.6e-42)
15306	20319_6.R1040.f2	wrky(HMM:4.9e-24)
15307	10864_1.R1040.f2	wrky(HMM:4e-23)
15308	83624_1.R1040.f1	wrky(HMM:6.2e-33)
15309	zzp700832484.h1.f1	wrky(HMM:6.4e-06)
15310	16828_1.R1040.f2	wrky(HMM:6.8e-34)
15311	175077_1.R1040.f1	wrky(HMM:6e-35)
15312	26397_1.R1040.f3	wrky(HMM:7.1e-39)
15313	gsv701056828.h1.f3	wrky(HMM:7.2e-41)
15314	LIB3106-049-Q1-K1-E3.f3	wrky(HMM:7.3e-32)
15315	32018_1.R1040.f2	wrky(HMM:7.6e-23)
15316	xpa700796339.h1.f2	wrky(HMM:7.7)
15317	26104_2.R1040.f1	wrky(HMM:7.8e-34)
15318	248615_1.R1040.f2	wrky(HMM:8.4e-38)
15319	203592_1.R1040.f2	wrky(HMM:8.5e-18)
15320	271883_1.R1040.f2	wrky(HMM:8.6e-18)
15321	28262_1.R1040.f1	wrky(HMM:8.8e-30)
15322	hrw701058294.h1.f1	wrky(HMM:9.8e-08)
15323	LIB3028-028-Q1-B1-G1.f1	"zf-b_box(HMM:0.00026),zf-constans(HMM:4.4e-35)"
15324	zhf700956765.h1.f2	"zf-b_box(HMM:0.00039),zf-constans(HMM:6.1e-18)"
15325	5359_1.R1040.f3	"zf-b_box(HMM:0.0018),zf-constans(HMM:1.9e-15)"
15326	80526_1.R1040.f1	"zf-b_box(HMM:0.0037),zf-constans(HMM:3.4e-35)"
15327	24008_1.R1040.f1	"zf-b_box(HMM:0.0051),zf-constans(HMM:4.7e-36)"

15328	63519_2.R1040.f1	"zf-b_box(HMM:0.0088),zf-constans(HMM:2.4e-31)"
15329	32727_1.R1040.f2	"zf-b_box(HMM:0.011),zf-constans(HMM:5.3e-42)"
15330	crh700850745.h1.f2	"zf-b_box(HMM:0.012),zf-constans(HMM:2.3e-18)"
15331	zhf700953734.h1.f2	"zf-b_box(HMM:0.012),zf-constans(HMM:2.3e-18)"
15332	6465_1.R1040.f1	"zf-b_box(HMM:0.028),zf-constans(HMM:1.6e-38)"
15333	84114_1.R1040.f2	"zf-b_box(HMM:0.03),zf-constans(HMM:1.3e-16)"
15334	32727_2.R1040.f3	"zf-b_box(HMM:0.032),zf-constans(HMM:2.9e-40)"
15335	100383_1.R1040.f1	"zf-b_box(HMM:0.035),zf-constans(HMM:1.1e-17)"
15336	32876_1.R1040.f1	"zf-b_box(HMM:0.036),zf-constans(HMM:6.3e-32)"
15337	153249_1.R1040.f1	"zf-b_box(HMM:0.052),zf-constans(HMM:1.1e-09)"
15338	100881_1.R1040.f1	"zf-b_box(HMM:0.054),zf-constans(HMM:5.7e-32)"
15339	fde700875533.h1.f3	"zf-b_box(HMM:0.057),zf-constans(HMM:1.7e-19)"
15340	102998_1.R1040.f1	"zf-b_box(HMM:0.088),zf-constans(HMM:7.1e-09)"
15341	58708_1.R1040.f3	"zf-b_box(HMM:0.094),zf-constans(HMM:9.4e-16)"
15342	4668_1.R1040.f2	zf-c2h2(HMM:0.00019)
15343	LIB3109-031-Q1-K1-F7.f3	zf-c2h2(HMM:0.00019)
15344	LIB3170-022-Q1-J1-A2.f6	zf-c2h2(HMM:0.00079)
15345	35151_1.R1040.f2	zf-c2h2(HMM:0.0012)
15346	46470_1.R1040.f3	zf-c2h2(HMM:0.0012)
15347	46470_2.R1040.f3	zf-c2h2(HMM:0.0012)
15348	126225_1.R1040.f2	zf-c2h2(HMM:0.0013)
15349	jC-gmle01810062b01a1.f2	zf-c2h2(HMM:0.0014)
15350	320112_1.R1040.f1	zf-c2h2(HMM:0.0019)
15351	15701_1.R1040.f2	zf-c2h2(HMM:0.0022)
15352	185045_1.R1040.f1	zf-c2h2(HMM:0.0024)
15353	LIB3170-040-Q1-K1-G1.f1	zf-c2h2(HMM:0.0024)
15354	uC-gmrominsoy308h08b1.f3	zf-c2h2(HMM:0.0024)
15355	LIB3051-092-Q1-K1-C4.f2	zf-c2h2(HMM:0.0039)
15356	wvk700686436.h1.f1	zf-c2h2(HMM:0.0056)
15357	uC-gmrominsoy187h05b1.f2	zf-c2h2(HMM:0.008)
15358	62724_2.R1040.f1	zf-c2h2(HMM:0.0089)
15359	kmv700743676.h1.f1	zf-c2h2(HMM:0.0097)
15360	737_3.R1040.f2	zf-c2h2(HMM:0.011)
15361	jC-gmro02910037d11a1.f2	zf-c2h2(HMM:0.012)
15362	139232_2.R1040.f3	zf-c2h2(HMM:0.016)
15363	18028_1.R1040.f1	zf-c2h2(HMM:0.017)
15364	7478_2.R1040.f2	zf-c2h2(HMM:0.018)
15365	18923_1.R1040.f3	zf-c2h2(HMM:0.023)
15366	LIB3106-015-Q1-K1-B6.f1	zf-c2h2(HMM:0.03)
15367	sat701008812.h1.f3	zf-c2h2(HMM:0.061)

15368	20563_1.R1040.f1	zf-c2h2(HMM:0.062)
15369	34772_1.R1040.f3	zf-c2h2(HMM:0.063)
15370	354384_1.R1040.f2	zf-c2h2(HMM:0.064)
15371	7378_1.R1040.f1	zf-c2h2(HMM:0.066)
15372	uC-gmronoir015a12b1.f3	zf-c2h2(HMM:0.078)
15373	7378_2.R1040.f2	zf-c2h2(HMM:0.1)
15374	gsv701051411.h1.f3	zf-c2h2(HMM:1.2e-05)
15375	7478_1.R1040.f2	zf-c2h2(HMM:1.2e-07)
15376	737_2.R1040.f2	zf-c2h2(HMM:1.4e-09)
15377	uC-gmropic056a03b1.f3	zf-c2h2(HMM:1.5e-06)
15378	uC-gmropic061b05b1.f3	zf-c2h2(HMM:1.5e-06)
15379	18489_1.R1040.f1	zf-c2h2(HMM:1.7e-30)
15380	18791_1.R1040.f1	zf-c2h2(HMM:2.7e-08)
15381	uC-gmropic109h12b1.f1	zf-c2h2(HMM:2.9e-13)
15382	153_2.R1040.f3	zf-c2h2(HMM:2e-07)
15383	737_1.R1040.f1	zf-c2h2(HMM:4.9e-09)
15384	153_1.R1040.f2	zf-c2h2(HMM:5.3e-07)
15385	30114_1.R1040.f1	zf-c2h2(HMM:6.1e-07)
15386	jC-gmfl02220053d11a1.f2	zf-c2h2(HMM:6.7e-07)
15387	65816_1.R1040.f2	zf-c2h2(HMM:9.6e-08)
15388	trc700565874.h1.f1	zf-c3hc4(HMM:0.0001)
15389	LIB3051-009-Q1-E1-E7.f3	zf-c3hc4(HMM:0.00011)
15390	kl1701205427.h1.f1	zf-c3hc4(HMM:0.00012)
15391	273_25.R1040.f2	zf-c3hc4(HMM:0.00013)
15392	185394_1.R1040.f1	zf-c3hc4(HMM:0.0002)
15393	crh700851994.h1.f1	zf-c3hc4(HMM:0.00024)
15394	231037_1.R1040.f3	zf-c3hc4(HMM:0.00025)
15395	35616_1.R1040.f2	zf-c3hc4(HMM:0.00043)
15396	68597_1.R1040.f1	zf-c3hc4(HMM:0.00045)
15397	dpv701097117.h1.f2	zf-c3hc4(HMM:0.00053)
15398	46383_1.R1040.f1	zf-c3hc4(HMM:0.00063)
15399	26577_1.R1040.f3	zf-c3hc4(HMM:0.00072)
15400	86699_1.R1040.f4	zf-c3hc4(HMM:0.00088)
15401	132183_1.R1040.f3	zf-c3hc4(HMM:0.0011)
15402	LIB3051-030-Q1-K1-G5.f2	zf-c3hc4(HMM:0.0012)
15403	uC-gmropic009b09b1.f1	zf-c3hc4(HMM:0.0013)
15404	54776_1.R1040.f3	zf-c3hc4(HMM:0.0016)
15405	LIB3139-031-P1-N1-H3.f3	zf-c3hc4(HMM:0.003)
15406	79907_1.R1040.f3	zf-c3hc4(HMM:0.0031)
15407	jC-gmle01810054b09a1.f2	zf-c3hc4(HMM:0.0032)
15408	g4314048.f1	zf-c3hc4(HMM:0.0034)
15409	119_4.R1040.f1	zf-c3hc4(HMM:0.0035)
15410	310511_1.R1040.f6	zf-c3hc4(HMM:0.0036)
15411	6551_1.R1040.f3	zf-c3hc4(HMM:0.0037)
15412	crh700853019.h1.f3	zf-c3hc4(HMM:0.0041)
15413	LIB3170-029-Q1-J1-B11.f5	zf-c3hc4(HMM:0.005)
15414	171917_1.R1040.f1	zf-c3hc4(HMM:0.0058)
15415	42612_1.R1040.f2	zf-c3hc4(HMM:0.0068)
15416	smc700745011.h1.f2	zf-c3hc4(HMM:0.0071)
15417	26812_2.R1040.f3	zf-c3hc4(HMM:0.0077)
15418	99235_1.R1040.f6	zf-c3hc4(HMM:0.0079)
15419	42381_1.R1040.f2	zf-c3hc4(HMM:0.008)
15420	jC-gmst02400060f04d1.f4	zf-c3hc4(HMM:0.009)
15421	19842_1.R1040.f1	zf-c3hc4(HMM:0.0098)

15422	19150_1.R1040.f3	zf-c3hc4(HMM:0.011)
15423	29230_1.R1040.f2	zf-c3hc4(HMM:0.011)
15424	15218_1.R1040.f2	zf-c3hc4(HMM:0.012)
15425	15218_2.R1040.f3	zf-c3hc4(HMM:0.012)
15426	103882_1.R1040.f3	zf-c3hc4(HMM:0.013)
15427	uC-gmrominsoy176h07b1.f1	zf-c3hc4(HMM:0.013)
15428	161466_1.R1040.f2	zf-c3hc4(HMM:0.015)
15429	292889_1.R1040.f1	zf-c3hc4(HMM:0.016)
15430	21450_1.R1040.f2	zf-c3hc4(HMM:0.017)
15431	16293_1.R1040.f1	zf-c3hc4(HMM:0.018)
15432	60756_1.R1040.f3	zf-c3hc4(HMM:0.02)
15433	194900_2.R1040.f1	zf-c3hc4(HMM:0.021)
15434	59077_1.R1040.f2	zf-c3hc4(HMM:0.021)
15435	3108_1.R1040.f3	zf-c3hc4(HMM:0.024)
15436	57367_1.R1040.f3	zf-c3hc4(HMM:0.025)
15437	132981_1.R1040.f1	zf-c3hc4(HMM:0.026)
15438	26812_1.R1040.f3	zf-c3hc4(HMM:0.026)
15439	36241_1.R1040.f2	zf-c3hc4(HMM:0.027)
15440	LIB3106-064-Q1-K1-C12.f2	zf-c3hc4(HMM:0.03)
15441	gsv701050091.h1.f2	zf-c3hc4(HMM:0.031)
15442	116974_1.R1040.f2	zf-c3hc4(HMM:0.035)
15443	pxt700944140.h1.f1	zf-c3hc4(HMM:0.036)
15444	170870_1.R1040.f1	zf-c3hc4(HMM:0.042)
15445	2079_1.R1040.f1	zf-c3hc4(HMM:0.055)
15446	LIB3039-011-Q1-E1-A9.f1	zf-c3hc4(HMM:0.065)
15447	LIB3050-022-Q1-K1-F8.f1	zf-c3hc4(HMM:0.065)
15448	45639_1.R1040.f2	"zf-c3hc4(HMM:0.07),zz(HMM:1e-05)"
15449	4147_1.R1040.f2	zf-c3hc4(HMM:0.075)
15450	7073_1.R1040.f3	zf-c3hc4(HMM:0.091)
15451	99503_1.R1040.f2	zf-c3hc4(HMM:0.14)
15452	27215_1.R1040.f2	zf-c3hc4(HMM:0.15)
15453	2719_3.R1040.f1	zf-c3hc4(HMM:0.15)
15454	LIB3093-047-Q1-K1-B9.f1	zf-c3hc4(HMM:0.18)
15455	LIB3139-037-P1-N1-B3.f3	zf-c3hc4(HMM:0.18)
15456	194157_1.R1040.f3	zf-c3hc4(HMM:0.24)
15457	LIB3087-010-Q1-K1-D12.f3	zf-c3hc4(HMM:0.33)
15458	k11701205017.h1.f5	zf-c3hc4(HMM:0.4)
15459	122_7.R1040.f4	zf-c3hc4(HMM:0.44)
15460	122_8.R1040.f5	zf-c3hc4(HMM:0.44)
15461	122_9.R1040.f4	zf-c3hc4(HMM:0.44)
15462	71978_1.R1040.f1	zf-c3hc4(HMM:0.5)
15463	fde700875744.h1.f2	zf-c3hc4(HMM:0.69)
15464	asn701142328.h1.f5	zf-c3hc4(HMM:1.1)
15465	279503_1.R1040.f3	zf-c3hc4(HMM:1.1e-05)
15466	1667_1.R1040.f1	zf-c3hc4(HMM:1.1e-08)
15467	25430_1.R1040.f3	zf-c3hc4(HMM:1.1e-08)
15468	47467_1.R1040.f1	zf-c3hc4(HMM:1.2e-09)
15469	47336_6.R1040.f2	zf-c3hc4(HMM:1.2e-09)
15470	LIB3106-067-P1-K1-B9.f1	zf-c3hc4(HMM:1.2e-09)
15471	82187_1.R1040.f2	zf-c3hc4(HMM:1.2e-10)
15472	167545_1.R1040.f1	zf-c3hc4(HMM:1.3e-10)
15473	260713_1.R1040.f1	zf-c3hc4(HMM:1.3e-12)

15474	27599_1.R1040.f3	zf-c3hc4(HMM:1.4e-08)
15475	285676_1.R1040.f1	zf-c3hc4(HMM:1.4e-11)
15476	28688_1.R1040.f2	zf-c3hc4(HMM:1.6e-05)
15477	LIB3050-004-Q1-E1-E5.f1	zf-c3hc4(HMM:1.6e-07)
15478	pxt700946025.h1.f3	zf-c3hc4(HMM:1.7e-09)
15479	awf700842735.h1.f1	zf-c3hc4(HMM:1.7e-10)
15480	21692_1.R1040.f2	zf-c3hc4(HMM:1.8e-07)
15481	174089_1.R1040.f1	zf-c3hc4(HMM:1.9e-10)
15482	28062_1.R1040.f2	zf-c3hc4(HMM:1.9e-10)
15483	81412_1.R1040.f1	zf-c3hc4(HMM:1e-09)
15484	33145_1.R1040.f3	zf-c3hc4(HMM:2.1e-11)
15485	smc700749192.h1.f2	zf-c3hc4(HMM:2.2e-06)
15486	48122_1.R1040.f1	zf-c3hc4(HMM:2.2e-08)
15487	30158_1.R1040.f1	zf-c3hc4(HMM:2.4e-10)
15488	9815_1.R1040.f1	zf-c3hc4(HMM:2.4e-11)
15489	47105_3.R1040.f2	zf-c3hc4(HMM:2.5e-07)
15490	1991_2.R1040.f2	zf-c3hc4(HMM:2.5e-08)
15491	315949_1.R1040.f4	zf-c3hc4(HMM:2.6e-05)
15492	188190_1.R1040.f2	zf-c3hc4(HMM:2.6e-07)
15493	45919_1.R1040.f2	zf-c3hc4(HMM:2.6e-09)
15494	106140_1.R1040.f3	zf-c3hc4(HMM:2.7e-05)
15495	236942_1.R1040.f1	zf-c3hc4(HMM:2.7e-05)
15496	uC-gmronoir043d12b1.f2	zf-c3hc4(HMM:2.7e-10)
15497	1827_2.R1040.f6	zf-c3hc4(HMM:2.8e-06)
15498	1886_1.R1040.f1	zf-c3hc4(HMM:2.8e-09)
15499	231498_1.R1040.f2	zf-c3hc4(HMM:2.9e-12)
15500	3816_1.R1040.f3	zf-c3hc4(HMM:2.9e-12)
15501	78700_1.R1040.f2	zf-c3hc4(HMM:2.9e-12)
15502	jC-gmf102220073g06d1.f5	zf-c3hc4(HMM:2e-09)
15503	194900_1.R1040.f1	zf-c3hc4(HMM:2e-10)
15504	494_1.R1040.f3	zf-c3hc4(HMM:3.1e-12)
15505	26018_1.R1040.f2	zf-c3hc4(HMM:3.2e-06)
15506	28804_1.R1040.f2	zf-c3hc4(HMM:3.2e-08)
15507	4147_2.R1040.f1	zf-c3hc4(HMM:3.2e-10)
15508	188798_1.R1040.f2	zf-c3hc4(HMM:3.3e-08)
15509	seb700651467.h1.f3	zf-c3hc4(HMM:3.3e-10)
15510	sat701008075.h1.f1	zf-c3hc4(HMM:3.4e-05)
15511	jC-gmro02910025g05a1.f5	zf-c3hc4(HMM:3.4e-10)
15512	46782_1.R1040.f3	zf-c3hc4(HMM:3.4e-12)
15513	236721_1.R1040.f3	zf-c3hc4(HMM:3.5e-13)
15514	78701_1.R1040.f3	zf-c3hc4(HMM:3.6e-08)
15515	33941_1.R1040.f2	zf-c3hc4(HMM:3.6e-11)
15516	26895_1.R1040.f1	zf-c3hc4(HMM:3.8e-07)
15517	3772_1.R1040.f2	zf-c3hc4(HMM:3.8e-09)
15518	81883_1.R1040.f2	zf-c3hc4(HMM:3.8e-10)
15519	188211_1.R1040.f3	zf-c3hc4(HMM:3e-06)
15520	48257_1.R1040.f2	zf-c3hc4(HMM:3e-06)
15521	5003_1.R1040.f3	zf-c3hc4(HMM:3e-09)
15522	LIB3051-014-Q1-E1-A8.f1	zf-c3hc4(HMM:3e-09)
15523	122_11.R1040.f6	zf-c3hc4(HMM:4.1)
15524	g4298640.f4	zf-c3hc4(HMM:4.2e-11)
15525	uC-gmrominsoy111a03b1.f3	zf-c3hc4(HMM:4.3e-07)
15526	18447_1.R1040.f3	zf-c3hc4(HMM:4.3e-09)
15527	LIB3138-015-Q1-N2-E3.f3	zf-c3hc4(HMM:4.4e-09)

15528	ssr700555461.h1.f3	zf-c3hc4(HMM:4.4e-10)
15529	uC-gmflminsoy027c02b1.f6	zf-c3hc4(HMM:4.4e-12)
15530	vwf700678783.h1.f3	zf-c3hc4(HMM:4.4e-12)
15531	3816_2.R1040.f3	zf-c3hc4(HMM:4.7e-11)
15532	382296_1.R1040.f1	zf-c3hc4(HMM:4.7e-11)
15533	13937_1.R1040.f2	zf-c3hc4(HMM:4.8e-10)
15534	312156_1.R1040.f1	zf-c3hc4(HMM:4.8e-12)
15535	16576_1.R1040.f3	zf-c3hc4(HMM:4.9e-05)
15536	LIB3170-060-Q1-J1-A6.f5	zf-c3hc4(HMM:4.9e-08)
15537	1065_1.R1040.f4	zf-c3hc4(HMM:4e-06)
15538	307024_1.R1040.f6	zf-c3hc4(HMM:4e-09)
15539	jC-gmro02910019e01d1.f6	zf-c3hc4(HMM:5.3e-07)
15540	1886_5.R1040.f3	zf-c3hc4(HMM:5.3e-10)
15541	1886_6.R1040.f1	zf-c3hc4(HMM:5.3e-10)
15542	g4297795.f5	zf-c3hc4(HMM:5.3e-10)
15543	jC-gmfl02220056d04a1.f1	zf-c3hc4(HMM:5.3e-10)
15544	jC-gmro02910027e02d1.f5	zf-c3hc4(HMM:5.4e-10)
15545	21464_1.R1040.f3	zf-c3hc4(HMM:5.4e-12)
15546	21464_3.R1040.f1	zf-c3hc4(HMM:5.4e-12)
15547	62774_1.R1040.f1	zf-c3hc4(HMM:5.6e-09)
15548	296435_1.R1040.f3	zf-c3hc4(HMM:5.6e-11)
15549	42176_1.R1040.f1	zf-c3hc4(HMM:5.7e-10)
15550	151455_1.R1040.f1	zf-c3hc4(HMM:5.8e-11)
15551	119_1.R1040.f3	zf-c3hc4(HMM:5.9e-06)
15552	LIB3051-018-Q1-E1-H3.f6	zf-c3hc4(HMM:5.9e-06)
15553	LIB3107-055-Q1-K1-B3.f2	zf-c3hc4(HMM:5e-06)
15554	16079_1.R1040.f3	zf-c3hc4(HMM:5e-08)
15555	44528_1.R1040.f2	zf-c3hc4(HMM:5e-09)
15556	45256_1.R1040.f1	zf-c3hc4(HMM:5e-09)
15557	52214_1.R1040.f3	zf-c3hc4(HMM:5e-09)
15558	g5342446.f1	zf-c3hc4(HMM:5e-11)
15559	122966_1.R1040.f3	zf-c3hc4(HMM:6.2e-12)
15560	21466_1.R1040.f3	zf-c3hc4(HMM:6.5e-11)
15561	94016_1.R1040.f5	zf-c3hc4(HMM:6.8e-12)
15562	1886_3.R1040.f3	zf-c3hc4(HMM:6e-09)
15563	18729_1.R1040.f3	zf-c3hc4(HMM:7.1e-08)
15564	g4301519.f1	zf-c3hc4(HMM:7.3e-05)
15565	319071_1.R1040.f6	zf-c3hc4(HMM:7.5e-10)
15566	30175_1.R1040.f1	zf-c3hc4(HMM:7.5e-11)
15567	12520_4.R1040.f1	zf-c3hc4(HMM:7e-09)
15568	5671_1.R1040.f1	zf-c3hc4(HMM:8.1e-09)
15569	LIB3050-011-Q1-E1-F6.f2	zf-c3hc4(HMM:8.2e-06)
15570	112674_1.R1040.f2	zf-c3hc4(HMM:8.3e-09)
15571	4770_1.R1040.f2	zf-c3hc4(HMM:8.3e-11)
15572	97285_1.R1040.f6	zf-c3hc4(HMM:8.4e-05)
15573	214172_1.R1040.f3	zf-c3hc4(HMM:8.4e-07)
15574	66923_1.R1040.f3	zf-c3hc4(HMM:8.4e-09)
15575	8682_1.R1040.f1	zf-c3hc4(HMM:8.5e-12)
15576	zhf700960331.h1.f1	zf-c3hc4(HMM:8.8e-11)
15577	ncj700978144.h1.f3	zf-c3hc4(HMM:8.8e-13)
15578	18266_1.R1040.f3	zf-c3hc4(HMM:8e-11)
15579	29438_1.R1040.f1	zf-c3hc4(HMM:9.2e-09)
15580	k11701205779.h1.f5	zf-c3hc4(HMM:9.5e-12)
15581	1991_1.R1040.f3	zf-c3hc4(HMM:9e-08)

15582	eeP700869601.h1.f2	zf-c4(HMM:9.1)
15583	110971_1.R1040.f1	zf-ccch(HMM:0.0001)
15584	330437_1.R1040.f6	zf-ccch(HMM:0.00011)
15585	uC-gmropic107e04b1.f3	zf-ccch(HMM:0.00025)
15586	213640_1.R1040.f2	zf-ccch(HMM:0.00038)
15587	15044_1.R1040.f3	zf-ccch(HMM:0.00083)
15588	LIB3053-009-Q1-N1-E8.f3	zf-ccch(HMM:0.0054)
15589	15648_1.R1040.f2	zf-ccch(HMM:0.026)
15590	15648_3.R1040.f3	zf-ccch(HMM:0.026)
15591	186475_1.R1040.f2	zf-ccch(HMM:0.029)
15592	16414_1.R1040.f2	zf-ccch(HMM:0.031)
15593	26396_2.R1040.f3	zf-ccch(HMM:0.05)
15594	368716_1.R1040.f3	zf-ccch(HMM:0.19)
15595	110971_2.R1040.f1	zf-ccch(HMM:0.29)
15596	14949_1.R1040.f1	zf-ccch(HMM:0.43)
15597	31427_2.R1040.f3	zf-ccch(HMM:1.3)
15598	LIB3051-008-Q1-E1-F7.f1	zf-ccch(HMM:1.5e-05)
15599	6089_1.R1040.f2	zf-ccch(HMM:1.5e-17)
15600	LIB3138-129-Q1-N1-C11.f3	zf-ccch(HMM:1.6e-05)
15601	2754_2.R1040.f3	zf-ccch(HMM:1.6e-06)
15602	67728_1.R1040.f1	zf-ccch(HMM:1.8e-08)
15603	jC-gmle01810064c12a1.f1	zf-ccch(HMM:1.9e-05)
15604	142596_1.R1040.f2	zf-ccch(HMM:2.3e-07)
15605	26396_1.R1040.f3	zf-ccch(HMM:3.2e-12)
15606	2754_1.R1040.f2	zf-ccch(HMM:3.9e-07)
15607	88051_1.R1040.f6	zf-ccch(HMM:8.1e-07)
15608	33317_1.R1040.f3	zf-ccch(HMM:8.3e-06)
15609	111528_1.R1040.f1	zf-ccch(HMM:9.8e-10)
15610	3147_2.R1040.f1	zf-cchc(HMM:0.00011)
15611	LIB3106-067-P1-K1-D6.f2	zf-cchc(HMM:0.00025)
15612	3147_1.R1040.f2	zf-cchc(HMM:0.00039)
15613	g5688335.f2	zf-cchc(HMM:0.0014)
15614	LIB3049-042-Q1-E1-G10.f2	zf-cchc(HMM:0.0016)
15615	184628_1.R1040.f1	zf-cchc(HMM:0.0023)
15616	156800_1.R1040.f5	zf-cchc(HMM:0.0066)
15617	LIB3050-023-Q1-K1-D8.f2	zf-cchc(HMM:0.02)
15618	ncj700986851.h1.f6	zf-cchc(HMM:0.022)
15619	2466_5.R1040.f1	zf-cchc(HMM:0.027)
15620	LIB3170-072-Q1-J1-F8.f4	zf-cchc(HMM:0.041)
15621	91390_1.R1040.f2	zf-cchc(HMM:0.069)
15622	leu701157077.h1.f6	zf-cchc(HMM:0.32)
15623	127824_1.R1040.f2	zf-cchc(HMM:0.37)
15624	LIB3040-014-Q1-E1-E11.f1	zf-cchc(HMM:1.2e-05)
15625	10030_1.R1040.f2	zf-cchc(HMM:1.3e-05)
15626	jsh701070043.h2.f1	zf-cchc(HMM:1.5e-06)
15627	20435_1.R1040.f3	zf-cchc(HMM:1.7e-07)
15628	6411_1.R1040.f2	zf-cchc(HMM:1.8e-05)
15629	15107_1.R1040.f1	zf-cchc(HMM:1e-10)
15630	LIB3138-090-P1-N1-A10.f2	zf-cchc(HMM:2.1e-09)
15631	52374_1.R1040.f2	zf-cchc(HMM:2.5e-12)
15632	2466_2.R1040.f1	zf-cchc(HMM:3.3e-05)
15633	8476_2.R1040.f3	zf-cchc(HMM:3.7e-10)
15634	g4290253.f1	zf-cchc(HMM:3e-10)
15635	16466_1.R1040.f1	zf-cchc(HMM:4.3e-20)



15636	95363_1.R1040.f5	zf-cchc(HMM:4.4e-19)
15637	V4L-02-Q1-E1-E2.f6	zf-cchc(HMM:4.7e-06)
15638	7964_1.R1040.f2	zf-cchc(HMM:4.9e-52)
15639	uaw700663647.h1.f1	zf-cchc(HMM:5.6e-09)
15640	zsg701117332.h1.f1	zf-cchc(HMM:8.1e-09)
15641	crh700853319.h1.f1	zf-cchc(HMM:8.7e-06)
15642	42986_1.R1040.f3	zf-cchc(HMM:9.6e-06)
15643	LIB3056-003-Q1-N1-G10.f3	zf-constans(HMM:0.013)
15644	64010_1.R1040.f3	zf-constans(HMM:0.048)
15645	102998_2.R1040.f3	zf-constans(HMM:0.095)
15646	24889_1.R1040.f2	zf-constans(HMM:1.3e-14)
15647	LIB3094-087-Q1-K1-A12.f2	zf-constans(HMM:1.3e-20)
15648	130452_1.R1040.f3	zf-constans(HMM:1.4e-15)
15649	ncj700980420.h1.f1	zf-constans(HMM:1.9e-08)
15650	70306_1.R1040.f1	zf-constans(HMM:1e-19)
15651	100881_2.R1040.f3	zf-constans(HMM:2.1e-09)
15652	49610_1.R1040.f3	zf-constans(HMM:2.1e-13)
15653	LIB3106-009-Q1-K1-C11.f2	zf-constans(HMM:2.1e-20)
15654	42069_1.R1040.f1	zf-constans(HMM:2.4e-15)
15655	32727_7.R1040.f3	zf-constans(HMM:2.7e-08)
15656	80526_2.R1040.f3	zf-constans(HMM:3.3e-07)
15657	32727_3.R1040.f3	zf-constans(HMM:3e-38)
15658	g5058157.f1	zf-constans(HMM:5.1e-09)
15659	4208_1.R1040.f2	zf-constans(HMM:5.5e-25)
15660	LIB3138-069-P1-N1-A9.f2	zf-constans(HMM:6.2e-06)
15661	LIB3139-008-P1-N1-E4.f3	zf-constans(HMM:6e-07)
15662	76255_1.R1040.f2	zf-constans(HMM:6e-14)
15663	LIB3028-010-Q1-B1-A12.f1	zf-constans(HMM:6e-14)
15664	67827_1.R1040.f2	zf-mynd(HMM:0.001)
15665	223931_1.R1040.f1	zf-mynd(HMM:0.0012)
15666	7099_1.R1040.f3	zf-mynd(HMM:0.0064)
15667	26944_1.R1040.f2	zf-mynd(HMM:1.2e-16)
15668	104436_2.R1040.f2	zf-mynd(HMM:1.4e-06)
15669	309351_1.R1040.f3	zf-mynd(HMM:1.5e-12)
15670	g4313946.f2	zf-mynd(HMM:4e-09)
15671	LIB3049-052-Q1-E1-H7.f2	zf-mynd(HMM:5.7e-05)
15672	25556_1.R1040.f2	zf-mynd(HMM:8.7e-13)
15673	104436_1.R1040.f1	zf-mynd(HMM:8.8e-16)
15674	asn701142782.h1.f2	zf-nf-x1(HMM:0.097)
15675	uC-gmrominsoy205g06b1.f2	zf-nf-x1(HMM:1.7e-07)
15676	uC-gmronoir010e01b1.f1	zn_clus(HMM:0.00075)
15677	LIB3139-105-P1-N1-G5.f3	zn_clus(HMM:2.4e-07)
15678	151593_1.R1040.f2	zz(HMM:0.001)
15679	113319_1.R1040.f3	zz(HMM:0.095)
15680	zhf700960153.h1.f1	zz(HMM:0.14)
15681	7196_1.R1040.f3	zz(HMM:0.42)
15682	296435_1.R1040.f1	zz(HMM:1.2e-09)
15683	85562_1.R1040.f3	zz(HMM:3.3e-11)
15684	zsg701121630.h1.f1	zz(HMM:5.7e-13)
15685	178742_1.R1040.f2	zz(HMM:8.5e-09)
15686	4806_1.R1040.f2	zz(HMM:8.7e-07)

Table 10 Nucleic acid sequences encoding transcription factors from *Arabidopsis thaliana*

SEQ NUM	SEQ ID	Family/Method/Evalue
15687	ATL8C10422_GENSCAN_predi cted_peptide_1_159_aa	14-3-3(HMM:8.8e-69)
15688	ATL8C11799_GENSCAN_predi cted_peptide_1_243_aa	14-3-3(HMM:2.7e-166)
15689	ATL8C20658_GENSCAN_predi cted_peptide_2_134_aa	14-3-3(HMM:2.3e-52)
15690	ATL8C21794_GENSCAN_predi cted_peptide_1_233_aa	14-3-3(HMM:6.8e-132)
15691	ATL8C256_GENSCAN_predicte d_peptide_1_214_aa	14-3-3(HMM:1.9e-142)
15692	ATL8C3535_GENSCAN_predict ed_peptide_1_244_aa	14-3-3(HMM:2.7e-177)
15693	ATL8C42344_GENSCAN_predi cted_peptide_1_57_aa	14-3-3(HMM:6.7e-28)
15694	ATL8C45661_GENSCAN_predi cted_peptide_2_102_aa	14-3-3(HMM:3.4e-10)
15695	ATL8C49427_GENSCAN_predi cted_peptide_1_71_aa	14-3-3(HMM:1.6e-26)
15696	ATL8C50037_GENSCAN_predi cted_peptide_1_107_aa	14-3-3(HMM:0.015)
15697	ATL8C8885_GENSCAN_predict ed_peptide_2_259_aa	14-3-3(HMM:6.3e-182)
15698	ATL8C9418_GENSCAN_predict ed_peptide_1_150_aa	14-3-3(HMM:2.3e-58)
15699	ATL8S922_GENSCAN_predicte d_peptide_1_120_aa	14-3-3(HMM:2.4e-24)
15700	ATL8C10274_GENSCAN_predi cted_peptide_1_149_aa	ank(HMM:7.2e-11)
15701	ATL8C10466_GENSCAN_predi cted_peptide_1_438_aa	ank(HMM:4.9e-36)
15702	ATL8C10953_GENSCAN_predi cted_peptide_1_405_aa	ank(HMM:2.6e-09)
15703	ATL8C11378_GENSCAN_predi cted_peptide_1_171_aa	ank(HMM:1.3e-20)
15704	ATL8C12089_GENSCAN_predi cted_peptide_1_90_aa	ank(HMM:3.2e-14)
15705	ATL8C13504_GENSCAN_predi cted_peptide_1_369_aa	ank(HMM:6e-16)
15706	ATL8C14047_GENSCAN_predi cted_peptide_3_421_aa	ank(HMM:0.001)
15707	ATL8C14192_GENSCAN_predi cted_peptide_1_295_aa	ank(HMM:3e-07)
15708	ATL8C14655_GENSCAN_predi cted_peptide_1_120_aa	ank(HMM:6.1e-18)
15709	ATL8C14743_GENSCAN_predi cted_peptide_2_583_aa	ank(HMM:3.9e-10)
15710	ATL8C14880_GENSCAN_predi cted_peptide_1_70_aa	ank(HMM:0.00021)
15711	ATL8C15871_GENSCAN_predi cted_peptide_1_457_aa	ank(HMM:3.5e-16)
15712	ATL8C15989_GENSCAN_predi cted_peptide_2_231_aa	ank(HMM:2.4e-11)

15713	ATL8C16274_GENSCAN_predi	ank(HMM:2e-20)
	cted_peptide_1_269_aa	
15714	ATL8C16353_GENSCAN_predi	ank(HMM:2.3e-39)
	cted_peptide_1_621_aa	
15715	ATL8C16704_GENSCAN_predi	ank(HMM:0.2)
	cted_peptide_1_947_aa	
15716	ATL8C17140_GENSCAN_predi	ank(HMM:9.4e-11)
	cted_peptide_1_310_aa	
15717	ATL8C17730_GENSCAN_predi	ank(HMM:1.5e-24)
	cted_peptide_1_502_aa	
15718	ATL8C18312_GENSCAN_predi	ank(HMM:1.7e-40)
	cted_peptide_1_241_aa	
15719	ATL8C20807_GENSCAN_predi	ank(HMM:8.8e-22)
	cted_peptide_2_277_aa	
15720	ATL8C21818_GENSCAN_predi	ank(HMM:0.00023)
	cted_peptide_1_241_aa	
15721	ATL8C22203_GENSCAN_predi	ank(HMM:7.2e-19)
	cted_peptide_1_217_aa	
15722	ATL8C23232_GENSCAN_predi	ank(HMM:0.00012)
	cted_peptide_1_91_aa	
15723	ATL8C23747_GENSCAN_predi	ank(HMM:7.2e-10)
	cted_peptide_1_516_aa	
15724	ATL8C24189_GENSCAN_predi	ank(HMM:6.9e-08)
	cted_peptide_1_379_aa	
15725	ATL8C24414_GENSCAN_predi	ank(HMM:1.6e-31)
	cted_peptide_1_427_aa	
15726	ATL8C2487_GENSCAN_predict	ank(HMM:1.2e-05)
	ed_peptide_1_159_aa	
15727	ATL8C24965_GENSCAN_predi	ank(HMM:1.2e-11)
	cted_peptide_1_158_aa	
15728	ATL8C25051_GENSCAN_predi	ank(HMM:1.2e-13)
	cted_peptide_1_324_aa	
15729	ATL8C25992_GENSCAN_predi	ank(HMM:2)
	cted_peptide_1_286_aa	
15730	ATL8C25993_GENSCAN_predi	ank(HMM:0.0065)
	cted_peptide_1_185_aa	
15731	ATL8C25994_GENSCAN_predi	ank(HMM:0.055)
	cted_peptide_1_181_aa	
15732	ATL8C26169_GENSCAN_predi	ank(HMM:2.6e-34)
	cted_peptide_2_200_aa	
15733	ATL8C27039_GENSCAN_predi	ank(HMM:0.0001)
	cted_peptide_1_156_aa	
15734	ATL8C2905_GENSCAN_predict	ank(HMM:9.8e-25)
	ed_peptide_1_332_aa	
15735	ATL8C30154_GENSCAN_predi	ank(HMM:5.3e-08)
	cted_peptide_1_592_aa	
15736	ATL8C30963_GENSCAN_predi	ank(HMM:3.1e-23)
	cted_peptide_1_1008_aa	
15737	ATL8C31473_GENSCAN_predi	ank(HMM:1.5e-12)
	cted_peptide_1_289_aa	
15738	ATL8C31888_GENSCAN_predi	ank(HMM:1.1e-12)
	cted_peptide_1_515_aa	
15739	ATL8C31948_GENSCAN_predi	ank(HMM:4.1)
	cted_peptide_1_600_aa	

15740	ATL8C32118_GENSCAN_predi	ank(HMM:6.4e-23)
	cted_peptide_1_562_aa	
15741	ATL8C32675_GENSCAN_predi	ank(HMM:0.019)
	cted_peptide_1_125_aa	
15742	ATL8C32897_GENSCAN_predi	ank(HMM:3.5e-06)
	cted_peptide_1_106_aa	
15743	ATL8C33147_GENSCAN_predi	ank(HMM:1.1e-12)
	cted_peptide_1_94_aa	
15744	ATL8C33235_GENSCAN_predi	ank(HMM:1.2e-21)
	cted_peptide_1_811_aa	
15745	ATL8C33884_GENSCAN_predi	ank(HMM:0.001)
	cted_peptide_1_566_aa	
15746	ATL8C35344_GENSCAN_predi	ank(HMM:4.6e-30)
	cted_peptide_1_520_aa	
15747	ATL8C35821_GENSCAN_predi	ank(HMM:1.4e-06)
	cted_peptide_2_357_aa	
15748	ATL8C36518_GENSCAN_predi	ank(HMM:1.9e-17)
	cted_peptide_1_539_aa	
15749	ATL8C37040_GENSCAN_predi	ank(HMM:6.2e-05)
	cted_peptide_1_260_aa	
15750	ATL8C37198_GENSCAN_predi	ank(HMM:2.1e-24)
	cted_peptide_1_638_aa	
15751	ATL8C37711_GENSCAN_predi	ank(HMM:1.5e-07)
	cted_peptide_1_466_aa	
15752	ATL8C3888_GENSCAN_predict	ank(HMM:0.00027)
	ed_peptide_1_205_aa	
15753	ATL8C39274_GENSCAN_predi	ank(HMM:0.00044)
	cted_peptide_1_189_aa	
15754	ATL8C4045_GENSCAN_predict	ank(HMM:2.7e-07)
	ed_peptide_1_86_aa	
15755	ATL8C41862_GENSCAN_predi	ank(HMM:6.5e-23)
	cted_peptide_1_197_aa	
15756	ATL8C41903_GENSCAN_predi	ank(HMM:4.8e-19)
	cted_peptide_1_366_aa	
15757	ATL8C42080_GENSCAN_predi	ank(HMM:5e-06)
	cted_peptide_1_159_aa	
15758	ATL8C43045_GENSCAN_predi	ank(HMM:1e-22)
	cted_peptide_1_408_aa	
15759	ATL8C4470_GENSCAN_predict	ank(HMM:0.0013)
	ed_peptide_1_713_aa	
15760	ATL8C45560_GENSCAN_predi	ank(HMM:1.1e-12)
	cted_peptide_1_169_aa	
15761	ATL8C46508_GENSCAN_predi	ank(HMM:4.1e-13)
	cted_peptide_2_370_aa	
15762	ATL8C47925_GENSCAN_predi	ank(HMM:8e-06)
	cted_peptide_1_306_aa	
15763	ATL8C48676_GENSCAN_predi	ank(HMM:3.4e-15)
	cted_peptide_1_270_aa	
15764	ATL8C48895_GENSCAN_predi	ank(HMM:1.5e-28)
	cted_peptide_1_259_aa	
15765	ATL8C49552_GENSCAN_predi	ank(HMM:1.4e-09)
	cted_peptide_1_394_aa	
15766	ATL8C49962_GENSCAN_predi	ank(HMM:4.3e-32)
	cted_peptide_2_414_aa	

15767	ATL8C50052_GENSCAN_predicated_peptide_1_175_aa	ank(HMM:2.1e-25)
15768	ATL8C5530_GENSCAN_predicted_peptide_1_296_aa	ank(HMM:1.1e-34)
15769	ATL8C5867_GENSCAN_predicted_peptide_1_409_aa	ank(HMM:4.8e-13)
15770	ATL8C6152_GENSCAN_predicted_peptide_1_545_aa	ank(HMM:7.1e-23)
15771	ATL8C6768_GENSCAN_predicted_peptide_1_824_aa	ank(HMM:1.9e-14)
15772	ATL8C7130_GENSCAN_predicted_peptide_1_470_aa	ank(HMM:1.8e-38)
15773	ATL8C8007_GENSCAN_predicted_peptide_2_663_aa	ank(HMM:4.2e-08)
15774	ATL8C8458_GENSCAN_predicted_peptide_1_493_aa	ank(HMM:4.5e-24)
15775	ATL8C8511_GENSCAN_predicted_peptide_1_413_aa	ank(HMM:9.2e-09)
15776	ATL8C8617_GENSCAN_predicted_peptide_1_650_aa	ank(HMM:0.00045)
15777	ATL8C9245_GENSCAN_predicted_peptide_1_658_aa	ank(HMM:1.1e-37)
15778	ATL8C9454_GENSCAN_predicted_peptide_1_108_aa	ank(HMM:6.8e-08)
15779	ATL8C9485_GENSCAN_predicted_peptide_1_602_aa	ank(HMM:1.9e-22)
15780	ATL8C9583_GENSCAN_predicted_peptide_1_386_aa	ank(HMM:8.4e-17)
15781	ATL8S11035_GENSCAN_predicated_peptide_1_32_aa	ank(HMM:8.2)
15782	ATL8S11615_GENSCAN_predicated_peptide_1_131_aa	ank(HMM:1.3e-15)
15783	ATL8S13773_GENSCAN_predicated_peptide_1_85_aa	ank(HMM:6.9e-05)
15784	ATL8S19704_GENSCAN_predicated_peptide_1_63_aa	ank(HMM:0.0081)
15785	ATL8S20714_GENSCAN_predicated_peptide_1_90_aa	ank(HMM:0.00018)
15786	ATL8S27617_GENSCAN_predicated_peptide_1_155_aa	ank(HMM:1.2e-07)
15787	ATL8S3871_GENSCAN_predicted_peptide_1_145_aa	ank(HMM:1.8e-07)
15788	ATL8S4732_GENSCAN_predicted_peptide_1_58_aa	ank(HMM:0.2)
15789	ATL8S5510_GENSCAN_predicted_peptide_1_106_aa	ank(HMM:2.9e-12)
15790	ATL8S6031_GENSCAN_predicted_peptide_1_114_aa	ank(HMM:3.8e-08)
15791	ATL8C27357_GENSCAN_predicated_peptide_1_475_aa	ank(HMM:0.00016),btb(HMM:8.5e-12)
15792	ATL8C48947_GENSCAN_predicated_peptide_1_305_aa	ank(HMM:6.2e-09),chromo(HMM:0.097)
15793	ATL8C24417_GENSCAN_predicated_peptide_1_701_aa	ank(HMM:1.6e-27),zfc3hc4(HMM:3.1e-09)

15794	ATL8C46816_GENSCAN_predi	ank(HMM:1.4e-13),zf-
	cted_peptide_1_346_aa	c3hc4(HMM:5.7e-07)
15795	ATL8C10744_GENSCAN_predi	ap2-domain(HMM:0.068)
	cted_peptide_1_233_aa	
15796	ATL8C10898_GENSCAN_predi	ap2-domain(HMM:2.6e-40)
	cted_peptide_1_245_aa	
15797	ATL8C11291_GENSCAN_predi	ap2-domain(HMM:7.1e-32)
	cted_peptide_1_174_aa	
15798	ATL8C11384_GENSCAN_predi	ap2-domain(HMM:6.9e-39)
	cted_peptide_1_277_aa	
15799	ATL8C12152_GENSCAN_predi	ap2-domain(HMM:8.6e-05)
	cted_peptide_1_120_aa	
15800	ATL8C12360_GENSCAN_predi	ap2-domain(HMM:3.8e-41)
	cted_peptide_1_179_aa	
15801	ATL8C12597_GENSCAN_predi	ap2-domain(HMM:4.7e-11)
	cted_peptide_1_154_aa	
15802	ATL8C12766_GENSCAN_predi	ap2-domain(HMM:6.4e-32)
	cted_peptide_1_120_aa	
15803	ATL8C12855_GENSCAN_predi	ap2-domain(HMM:5.3e-06)
	cted_peptide_1_131_aa	
15804	ATL8C13232_GENSCAN_predi	ap2-domain(HMM:7.2e-32)
	cted_peptide_1_146_aa	
15805	ATL8C1323_GENSCAN_predict	ap2-domain(HMM:5e-44)
	ed_peptide_1_230_aa	
15806	ATL8C13640_GENSCAN_predi	ap2-domain(HMM:0.01)
	cted_peptide_1_260_aa	
15807	ATL8C14133_GENSCAN_predi	ap2-domain(HMM:1.5e-23)
	cted_peptide_1_200_aa	
15808	ATL8C14336_GENSCAN_predi	ap2-domain(HMM:1.7e-38)
	cted_peptide_1_253_aa	
15809	ATL8C14531_GENSCAN_predi	ap2-domain(HMM:1.3e-34)
	cted_peptide_1_277_aa	
15810	ATL8C14824_GENSCAN_predi	ap2-domain(HMM:2.8e-35)
	cted_peptide_2_245_aa	
15811	ATL8C15163_GENSCAN_predi	ap2-domain(HMM:4.2e-38)
	cted_peptide_1_188_aa	
15812	ATL8C15890_GENSCAN_predi	ap2-domain(HMM:3.8e-34)
	cted_peptide_1_560_aa	
15813	ATL8C16468_GENSCAN_predi	ap2-domain(HMM:5.6e-38)
	cted_peptide_1_236_aa	
15814	ATL8C16807_GENSCAN_predi	ap2-domain(HMM:3.2e-43)
	cted_peptide_1_213_aa	
15815	ATL8C1970_GENSCAN_predict	ap2-domain(HMM:0.00056)
	ed_peptide_1_155_aa	
15816	ATL8C20656_GENSCAN_predi	ap2-domain(HMM:2.7e-12)
	cted_peptide_1_189_aa	
15817	ATL8C20829_GENSCAN_predi	ap2-domain(HMM:5.5e-40)
	cted_peptide_2_133_aa	
15818	ATL8C22117_GENSCAN_predi	ap2-domain(HMM:5.9e-34)
	cted_peptide_1_237_aa	
15819	ATL8C22187_GENSCAN_predi	ap2-domain(HMM:4e-38)
	cted_peptide_2_275_aa	
15820	ATL8C23706_GENSCAN_predi	ap2-domain(HMM:5.7e-40)
	cted_peptide_1_236_aa	

15821	ATL8C24138_GENSCAN_predicated_peptide_1_205_aa	ap2-domain(HMM:7e-41)
15822	ATL8C24176_GENSCAN_predicated_peptide_1_233_aa	ap2-domain(HMM:2.4e-38)
15823	ATL8C24372_GENSCAN_predicated_peptide_1_194_aa	ap2-domain(HMM:1.1e-40)
15824	ATL8C24563_GENSCAN_predicated_peptide_1_329_aa	ap2-domain(HMM:2.3e-44)
15825	ATL8C24603_GENSCAN_predicated_peptide_1_219_aa	ap2-domain(HMM:3.5e-40)
15826	ATL8C25637_GENSCAN_predicated_peptide_1_182_aa	ap2-domain(HMM:8.5)
15827	ATL8C26050_GENSCAN_predicated_peptide_1_278_aa	ap2-domain(HMM:4.2e-39)
15828	ATL8C26224_GENSCAN_predicated_peptide_2_159_aa	ap2-domain(HMM:8.2e-33)
15829	ATL8C26624_GENSCAN_predicated_peptide_1_212_aa	ap2-domain(HMM:3.4e-39)
15830	ATL8C27346_GENSCAN_predicated_peptide_1_100_aa	ap2-domain(HMM:2.9e-39)
15831	ATL8C27382_GENSCAN_predicated_peptide_1_142_aa	ap2-domain(HMM:3.2e-34)
15832	ATL8C27944_GENSCAN_predicated_peptide_1_41_aa	ap2-domain(HMM:0.0012)
15833	ATL8C31409_GENSCAN_predicated_peptide_1_121_aa	ap2-domain(HMM:4.7e-28)
15834	ATL8C32024_GENSCAN_predicated_peptide_1_64_aa	ap2-domain(HMM:3.6)
15835	ATL8C3322_GENSCAN_predicted_peptide_1_337_aa	ap2-domain(HMM:9.3e-35)
15836	ATL8C3330_GENSCAN_predicted_peptide_1_244_aa	ap2-domain(HMM:7.9e-34)
15837	ATL8C33678_GENSCAN_predicated_peptide_1_215_aa	ap2-domain(HMM:7.7e-40)
15838	ATL8C33778_GENSCAN_predicated_peptide_1_188_aa	ap2-domain(HMM:1.3e-37)
15839	ATL8C33878_GENSCAN_predicated_peptide_1_312_aa	ap2-domain(HMM:5.1e-17)
15840	ATL8C34559_GENSCAN_predicated_peptide_1_288_aa	ap2-domain(HMM:3e-24)
15841	ATL8C34593_GENSCAN_predicated_peptide_1_473_aa	ap2-domain(HMM:1.2e-06)
15842	ATL8C34844_GENSCAN_predicated_peptide_1_93_aa	ap2-domain(HMM:0.0065)
15843	ATL8C35905_GENSCAN_predicated_peptide_1_255_aa	ap2-domain(HMM:4.2e-42)
15844	ATL8C37037_GENSCAN_predicated_peptide_1_207_aa	ap2-domain(HMM:9.7e-43)
15845	ATL8C37038_GENSCAN_predicated_peptide_1_159_aa	ap2-domain(HMM:1.3e-42)
15846	ATL8C3762_GENSCAN_predicted_peptide_1_343_aa	ap2-domain(HMM:2.5e-40)
15847	ATL8C37798_GENSCAN_predicated_peptide_1_185_aa	ap2-domain(HMM:1.8e-36)

15848	ATL8C37953_GENSCAN_predi	ap2-domain(HMM:5.7e-34)
	cted_peptide_1_329_aa	
15849	ATL8C38666_GENSCAN_predi	ap2-domain(HMM:4e-29)
	cted_peptide_1_191_aa	
15850	ATL8C38740_GENSCAN_predi	ap2-domain(HMM:2.1e-06)
	cted_peptide_1_149_aa	
15851	ATL8C38990_GENSCAN_predi	ap2-domain(HMM:4.6e-39)
	cted_peptide_1_202_aa	
15852	ATL8C39008_GENSCAN_predi	ap2-domain(HMM:4.6e-36)
	cted_peptide_1_233_aa	
15853	ATL8C39733_GENSCAN_predi	ap2-domain(HMM:8.8e-42)
	cted_peptide_1_121_aa	
15854	ATL8C40068_GENSCAN_predi	ap2-domain(HMM:3.2e-28)
	cted_peptide_1_142_aa	
15855	ATL8C40414_GENSCAN_predi	ap2-domain(HMM:0.13)
	cted_peptide_1_108_aa	
15856	ATL8C40427_GENSCAN_predi	ap2-domain(HMM:1.1e-33)
	cted_peptide_1_142_aa	
15857	ATL8C43089_GENSCAN_predi	ap2-domain(HMM:3e-06)
	cted_peptide_1_203_aa	
15858	ATL8C4444_GENSCAN_predict	ap2-domain(HMM:1e-38)
	ed_peptide_1_196_aa	
15859	ATL8C45007_GENSCAN_predi	ap2-domain(HMM:1.7e-29)
	cted_peptide_1_170_aa	
15860	ATL8C46570_GENSCAN_predi	ap2-domain(HMM:1.6e-30)
	cted_peptide_1_219_aa	
15861	ATL8C46642_GENSCAN_predi	ap2-domain(HMM:3.7e-38)
	cted_peptide_1_184_aa	
15862	ATL8C47150_GENSCAN_predi	ap2-domain(HMM:2e-38)
	cted_peptide_2_240_aa	
15863	ATL8C48923_GENSCAN_predi	ap2-domain(HMM:9.5e-27)
	cted_peptide_1_104_aa	
15864	ATL8C49072_GENSCAN_predi	ap2-domain(HMM:0.18)
	cted_peptide_1_135_aa	
15865	ATL8C49092_GENSCAN_predi	ap2-domain(HMM:1.1e-40)
	cted_peptide_1_139_aa	
15866	ATL8C4927_GENSCAN_predict	ap2-domain(HMM:7.1e-42)
	ed_peptide_1_176_aa	
15867	ATL8C49484_GENSCAN_predi	ap2-domain(HMM:1.3e-18)
	cted_peptide_1_158_aa	
15868	ATL8C49679_GENSCAN_predi	ap2-domain(HMM:3.5e-13)
	cted_peptide_1_227_aa	
15869	ATL8C49847_GENSCAN_predi	ap2-domain(HMM:3e-29)
	cted_peptide_1_199_aa	
15870	ATL8C49894_GENSCAN_predi	ap2-domain(HMM:2.1e-06)
	cted_peptide_1_114_aa	
15871	ATL8C49931_GENSCAN_predi	ap2-domain(HMM:0.0012)
	cted_peptide_1_279_aa	
15872	ATL8C5285_GENSCAN_predict	ap2-domain(HMM:3.3e-30)
	ed_peptide_1_144_aa	
15873	ATL8C5322_GENSCAN_predict	ap2-domain(HMM:4.6e-33)
	ed_peptide_1_313_aa	
15874	ATL8C567_GENSCAN_predicte	ap2-domain(HMM:1e-32)
	d_peptide_1_176_aa	



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15875	ATL8C6501_GENSCAN_predict ed_peptide_1_244_aa	ap2-domain(HMM:4.4e-40)
15876	ATL8C691_GENSCAN_predicte d_peptide_1_253_aa	ap2-domain(HMM:8.6e-08)
15877	ATL8C7310_GENSCAN_predict ed_peptide_1_205_aa	ap2-domain(HMM:9.8e-39)
15878	ATL8C756_GENSCAN_predicte d_peptide_1_265_aa	ap2-domain(HMM:1.8e-39)
15879	ATL8C8748_GENSCAN_predict ed_peptide_1_177_aa	ap2-domain(HMM:1.2e-30)
15880	ATL8C8870_GENSCAN_predict ed_peptide_2_143_aa	ap2-domain(HMM:5.1e-28)
15881	ATL8C898_GENSCAN_predicte d_peptide_2_235_aa	ap2-domain(HMM:2.1e-20)
15882	ATL8S1452_GENSCAN_predict ed_peptide_1_103_aa	ap2-domain(HMM:0.0093)
15883	ATL8S16698_GENSCAN_predi cted_peptide_1_94_aa	ap2-domain(HMM:3.5e-18)
15884	ATL8S26388_GENSCAN_predi cted_peptide_1_146_aa	ap2-domain(HMM:4.4e-34)
15885	ATL8C18299_GENSCAN_predi cted_peptide_1_352_aa	ap2-domain(HMM:1.9e- 29),arf(HMM:0.85),b3(HMM:2e- 47)
15886	ATL8C17377_GENSCAN_predi cted_peptide_1_203_aa	ap2-domain(HMM:2e- 13),b3(HMM:2.1e-21)
15887	ATL8C16413_GENSCAN_predi cted_peptide_1_173_aa	arf(HMM:7.4e-11)
15888	ATL8C20499_GENSCAN_predi cted_peptide_1_160_aa	arf(HMM:0.0038)
15889	ATL8C24718_GENSCAN_predi cted_peptide_1_56_aa	arf(HMM:4.1e-12)
15890	ATL8C25186_GENSCAN_predi cted_peptide_1_131_aa	arf(HMM:4e-15)
15891	ATL8C3639_GENSCAN_predict ed_peptide_1_137_aa	arf(HMM:1.7e-12)
15892	ATL8S4140_GENSCAN_predict ed_peptide_1_51_aa	arf(HMM:1.2e-13)
15893	ATL8C11317_GENSCAN_predi cted_peptide_1_100_aa	arf(HMM:3.2e- 11),b3(HMM:2.6e-10)
15894	ATL8C1173_GENSCAN_predict ed_peptide_1_235_aa	arf(HMM:5.4e- 113),b3(HMM:4.1e-23)
15895	ATL8C20922_GENSCAN_predi cted_peptide_1_220_aa	arf(HMM:7.2e- 05),b3(HMM:0.0007)
15896	ATL8C26995_GENSCAN_predi cted_peptide_1_187_aa	arf(HMM:9.8e- 15),b3(HMM:8.3e-40)
15897	ATL8C27638_GENSCAN_predi cted_peptide_1_131_aa	arf(HMM:3.1e- 11),b3(HMM:0.00045)
15898	ATL8C33763_GENSCAN_predi cted_peptide_1_218_aa	arf(HMM:1.2e- 36),b3(HMM:4.7e-22)
15899	ATL8C38056_GENSCAN_predi cted_peptide_1_296_aa	arf(HMM:2.1e- 83),b3(HMM:3.9e-15)
15900	ATL8C42220_GENSCAN_predi cted_peptide_1_300_aa	arf(HMM:1.8e- 18),b3(HMM:1.6e-38)
15901	ATL8C43871_GENSCAN_predi	arf(HMM:1.4e-

15902	cted_peptide_1_278_aa ATL8C7233_GENSCAN_predict	75),b3(HMM:3.8e-15) arf(HMM:4e-14),b3(HMM:7.5e-09)
15903	ed_peptide_1_183_aa ATL8S1753_GENSCAN_predict	arf(HMM:5.9),b3(HMM:0.00065)
15904	ed_peptide_1_65_aa ATL8C8390_GENSCAN_predict	) arf(HMM:5.1e-156),b3(HMM:3.5e-31),iaa(HMM:1.7e-46)
15905	ed_peptide_1_739_aa ATL8C12208_GENSCAN_predi	arf(HMM:1.4e-14),iaa(HMM:1.1e-18)
15906	cted_peptide_2_586_aa ATL8C24275_GENSCAN_predi	arf(HMM:5.1e-11),iaa(HMM:1.8e-23)
15907	cted_peptide_1_269_aa ATL8C4977_GENSCAN_predict	arf(HMM:2.6e-06),iaa(HMM:6.8e-47)
15908	ed_peptide_1_403_aa ATL8C8419_GENSCAN_predict	arf(HMM:0.18),iaa(HMM:1.4e-37)
15909	ed_peptide_1_878_aa ATL8C23772_GENSCAN_predi	arid(HMM:0.00052)
15910	cted_peptide_1_285_aa ATL8C30243_GENSCAN_predi	arid(HMM:7.8e-08)
15911	cted_peptide_1_135_aa ATL8C17240_GENSCAN_predi	arid(HMM:0.0016),hmg_box(HMM:1.4e-17)
15912	cted_peptide_1_371_aa ATL8C12199_GENSCAN_predi	athook(HMM:0.0081)
15913	cted_peptide_1_133_aa ATL8C20206_GENSCAN_predi	athook(HMM:0.044)
15914	cted_peptide_1_581_aa ATL8C23846_GENSCAN_predi	athook(HMM:0.042)
15915	cted_peptide_1_778_aa ATL8C28049_GENSCAN_predi	athook(HMM:0.00077)
15916	cted_peptide_1_280_aa ATL8C34710_GENSCAN_predi	athook(HMM:0.017)
15917	cted_peptide_1_451_aa ATL8C3754_GENSCAN_predict	athook(HMM:0.015)
15918	ed_peptide_2_257_aa ATL8C44742_GENSCAN_predi	athook(HMM:0.0096)
15919	cted_peptide_1_767_aa ATL8C45100_GENSCAN_predi	athook(HMM:0.044)
15920	cted_peptide_1_210_aa ATL8C8710_GENSCAN_predict	athook(HMM:0.0011)
15921	ed_peptide_1_297_aa ATL8C132_GENSCAN_predicte	athook(HMM:0.0014),set(HMM:0.00048)
15922	d_peptide_1_611_aa ATL8C11841_GENSCAN_predi	b3(HMM:0.0092)
15923	cted_peptide_1_243_aa ATL8C14288_GENSCAN_predi	b3(HMM:0.032)
15924	cted_peptide_2_87_aa ATL8C18052_GENSCAN_predi	b3(HMM:7.4e-06)
15925	cted_peptide_1_222_aa ATL8C1929_GENSCAN_predict	b3(HMM:1.1e-40)
15926	ed_peptide_1_217_aa ATL8C21786_GENSCAN_predi	b3(HMM:0.041)
15927	cted_peptide_1_498_aa ATL8C22967_GENSCAN_predi	b3(HMM:1.5e-53)
	cted_peptide_1_337_aa	

15928	ATL8C39082_GENSCAN_predicated_peptide_1_418_aa	b3(HMM:3.5e-69)
15929	ATL8C43561_GENSCAN_predicated_peptide_1_263_aa	b3(HMM:2e-40)
15930	ATL8C48995_GENSCAN_predicated_peptide_1_231_aa	b3(HMM:1.6e-20)
15931	ATL8C48996_GENSCAN_predicated_peptide_1_183_aa	b3(HMM:3.6e-22)
15932	ATL8C5313_GENSCAN_predicted_peptide_1_731_aa	b3(HMM:8e-69)
15933	ATL8C5875_GENSCAN_predicted_peptide_1_171_aa	b3(HMM:5e-24)
15934	ATL8C11876_GENSCAN_predicated_peptide_1_582_aa	bah(HMM:3.4e-07)
15935	ATL8C15451_GENSCAN_predicated_peptide_1_203_aa	bah(HMM:3.9)
15936	ATL8C1665_GENSCAN_predicted_peptide_1_386_aa	bah(HMM:1.3e-70)
15937	ATL8C18782_GENSCAN_predicated_peptide_1_164_aa	bah(HMM:3.2e-10)
15938	ATL8C24184_GENSCAN_predicated_peptide_1_609_aa	bah(HMM:1.4e-11)
15939	ATL8C35085_GENSCAN_predicated_peptide_1_192_aa	bah(HMM:1.8e-18)
15940	ATL8C35173_GENSCAN_predicated_peptide_1_209_aa	bah(HMM:4.8e-35)
15941	ATL8C43261_GENSCAN_predicated_peptide_2_1263_aa	bah(HMM:4.1e-61)
15942	ATL8C4764_GENSCAN_predicted_peptide_1_349_aa	bah(HMM:2.9e-71)
15943	ATL8C6422_GENSCAN_predicted_peptide_1_213_aa	bah(HMM:0.27)
15944	ATL8S16064_GENSCAN_predicated_peptide_1_48_aa	bah(HMM:0.00039)
15945	ATL8S18273_GENSCAN_predicated_peptide_1_125_aa	bah(HMM:4.1)
15946	ATL8S8693_GENSCAN_predicted_peptide_1_117_aa	bah(HMM:0.0039)
15947	ATL8C20617_GENSCAN_predicated_peptide_1_800_aa	bah(HMM:3.1e-24),phd(HMM:2.2e-12)
15948	ATL8C24259_GENSCAN_predicated_peptide_1_174_aa	bah(HMM:7.1e-19),phd(HMM:0.00061)
15949	ATL8C1238_GENSCAN_predicted_peptide_1_89_aa	bpf-1(HMM:1.3e-53)
15950	ATL8C20744_GENSCAN_predicated_peptide_1_302_aa	bpf-1(HMM:2.8e-28)
15951	ATL8C30215_GENSCAN_predicated_peptide_1_215_aa	bpf-1(HMM:2.2e-26)
15952	ATL8S1503_GENSCAN_predicted_peptide_1_64_aa	bpf-1(HMM:1.4e-40)
15953	ATL8S18972_GENSCAN_predicated_peptide_1_60_aa	bpf-1(HMM:1.2e-32)
15954	ATL8S20074_GENSCAN_predicated_peptide_1_86_aa	bpf-1(HMM:3.5e-47)

15955	ATL8C49821_GENSCAN_predicated_peptide_1_267_aa	bpf-1(HMM:9.9e-06),myb_dna-binding(HMM:0.018)
15956	ATL8C5769_GENSCAN_predicted_peptide_1_379_aa	bpf-1(HMM:2e-33),myb_dna-binding(HMM:0.014)
15957	ATL8C5991_GENSCAN_predicted_peptide_1_92_aa	bpf-1(HMM:0.00042),myb_dna-binding(HMM:0.78)
15958	ATL8C13222_GENSCAN_predicated_peptide_2_339_aa	bromodomain(HMM:1.5e-05)
15959	ATL8C16281_GENSCAN_predicated_peptide_1_188_aa	bromodomain(HMM:0.062)
15960	ATL8C19035_GENSCAN_predicated_peptide_2_311_aa	bromodomain(HMM:2.9e-28)
15961	ATL8C20846_GENSCAN_predicated_peptide_1_530_aa	bromodomain(HMM:1.9e-28)
15962	ATL8C21331_GENSCAN_predicated_peptide_1_304_aa	bromodomain(HMM:1.5e-14)
15963	ATL8C22629_GENSCAN_predicated_peptide_1_193_aa	bromodomain(HMM:0.0026)
15964	ATL8C22630_GENSCAN_predicated_peptide_1_148_aa	bromodomain(HMM:0.11)
15965	ATL8C2897_GENSCAN_predicted_peptide_1_455_aa	bromodomain(HMM:1.4e-06)
15966	ATL8C29272_GENSCAN_predicated_peptide_1_538_aa	bromodomain(HMM:0.0001)
15967	ATL8C32145_GENSCAN_predicated_peptide_1_325_aa	bromodomain(HMM:3.4e-33)
15968	ATL8C32893_GENSCAN_predicated_peptide_1_437_aa	bromodomain(HMM:1.4e-09)
15969	ATL8C33727_GENSCAN_predicated_peptide_1_416_aa	bromodomain(HMM:2.8e-29)
15970	ATL8C33728_GENSCAN_predicated_peptide_1_230_aa	bromodomain(HMM:3.1e-25)
15971	ATL8C35329_GENSCAN_predicated_peptide_1_340_aa	bromodomain(HMM:7.5e-32)
15972	ATL8C36150_GENSCAN_predicated_peptide_1_909_aa	bromodomain(HMM:1.3e-11)
15973	ATL8C3716_GENSCAN_predicted_peptide_1_323_aa	bromodomain(HMM:2.9e-15)
15974	ATL8C37176_GENSCAN_predicated_peptide_1_474_aa	bromodomain(HMM:6.7e-32)
15975	ATL8C37518_GENSCAN_predicated_peptide_1_85_aa	bromodomain(HMM:0.016)
15976	ATL8C38971_GENSCAN_predicated_peptide_1_489_aa	bromodomain(HMM:1e-27)
15977	ATL8C4223_GENSCAN_predicted_peptide_1_544_aa	bromodomain(HMM:1e-08)
15978	ATL8S11271_GENSCAN_predicated_peptide_1_31_aa	bromodomain(HMM:3.9e-05)
15979	ATL8S12142_GENSCAN_predicated_peptide_1_98_aa	bromodomain(HMM:2.5e-27)
15980	ATL8C10878_GENSCAN_predicated_peptide_1_212_aa	bzip(HMM:0.062)
15981	ATL8C11165_GENSCAN_predicated_peptide_1_299_aa	bzip(HMM:8.8e-07)

15982	ATL8C1239_GENSCAN_predict ed_peptide_2_180_aa	bzip(HMM:4.4e-16)
15983	ATL8C13299_GENSCAN_predi cted_peptide_1_433_aa	bzip(HMM:6.9e-18)
15984	ATL8C13317_GENSCAN_predi cted_peptide_1_369_aa	bzip(HMM:0.0022)
15985	ATL8C1368_GENSCAN_predict ed_peptide_2_200_aa	bzip(HMM:4.1e-23)
15986	ATL8C14056_GENSCAN_predi cted_peptide_4_495_aa	bzip(HMM:1.3e-11)
15987	ATL8C14451_GENSCAN_predi cted_peptide_2_344_aa	bzip(HMM:0.00043)
15988	ATL8C15588_GENSCAN_predi cted_peptide_1_145_aa	bzip(HMM:1e-09)
15989	ATL8C15596_GENSCAN_predi cted_peptide_1_170_aa	bzip(HMM:1.6e-14)
15990	ATL8C16240_GENSCAN_predi cted_peptide_2_602_aa	bzip(HMM:2.9e-11)
15991	ATL8C16804_GENSCAN_predi cted_peptide_1_315_aa	bzip(HMM:1.2e-11)
15992	ATL8C18855_GENSCAN_predi cted_peptide_1_240_aa	bzip(HMM:5)
15993	ATL8C19016_GENSCAN_predi cted_peptide_1_166_aa	bzip(HMM:1.3e-16)
15994	ATL8C21532_GENSCAN_predi cted_peptide_1_390_aa	bzip(HMM:9.7e-06)
15995	ATL8C23343_GENSCAN_predi cted_peptide_1_77_aa	bzip(HMM:0.019)
15996	ATL8C23412_GENSCAN_predi cted_peptide_1_190_aa	bzip(HMM:4.8e-15)
15997	ATL8C2367_GENSCAN_predict ed_peptide_2_391_aa	bzip(HMM:0.5)
15998	ATL8C25148_GENSCAN_predi cted_peptide_1_230_aa	bzip(HMM:0.00023)
15999	ATL8C25149_GENSCAN_predi cted_peptide_1_270_aa	bzip(HMM:0.00078)
16000	ATL8C27328_GENSCAN_predi cted_peptide_1_140_aa	bzip(HMM:2.2e-08)
16001	ATL8C31611_GENSCAN_predi cted_peptide_1_199_aa	bzip(HMM:9.4e-22)
16002	ATL8C31770_GENSCAN_predi cted_peptide_1_130_aa	bzip(HMM:8.5e-16)
16003	ATL8C33453_GENSCAN_predi cted_peptide_1_307_aa	bzip(HMM:0.079)
16004	ATL8C3345_GENSCAN_predict ed_peptide_1_228_aa	bzip(HMM:3.9e-20)
16005	ATL8C34124_GENSCAN_predi cted_peptide_1_65_aa	bzip(HMM:9.2e-07)
16006	ATL8C34862_GENSCAN_predi cted_peptide_1_498_aa	bzip(HMM:8.8e-11)
16007	ATL8C35623_GENSCAN_predi cted_peptide_1_520_aa	bzip(HMM:2.9e-16)
16008	ATL8C37065_GENSCAN_predi cted_peptide_1_126_aa	bzip(HMM:3.9e-07)

16009	ATL8C37659_GENSCAN_predi	bzip(HMM:0.00053)
	cted_peptide_1_169_aa	
16010	ATL8C37660_GENSCAN_predi	bzip(HMM:2e-10)
	cted_peptide_1_102_aa	
16011	ATL8C37834_GENSCAN_predi	bzip(HMM:2.7e-16)
	cted_peptide_1_455_aa	
16012	ATL8C38074_GENSCAN_predi	bzip(HMM:3.9e-13)
	cted_peptide_1_171_aa	
16013	ATL8C38955_GENSCAN_predi	bzip(HMM:6.8e-06)
	cted_peptide_1_372_aa	
16014	ATL8C38957_GENSCAN_predi	bzip(HMM:3.9e-11)
	cted_peptide_1_260_aa	
16015	ATL8C39610_GENSCAN_predi	bzip(HMM:6.1e-15)
	cted_peptide_1_274_aa	
16016	ATL8C40695_GENSCAN_predi	bzip(HMM:5.3e-06)
	cted_peptide_1_295_aa	
16017	ATL8C44410_GENSCAN_predi	bzip(HMM:1.2e-09)
	cted_peptide_1_273_aa	
16018	ATL8C46713_GENSCAN_predi	bzip(HMM:0.0093)
	cted_peptide_5_248_aa	
16019	ATL8C5698_GENSCAN_predict	bzip(HMM:2.7e-11)
	ed_peptide_1_146_aa	
16020	ATL8C5855_GENSCAN_predict	bzip(HMM:7.5e-17)
	ed_peptide_1_209_aa	
16021	ATL8C7360_GENSCAN_predict	bzip(HMM:1.1e-11)
	ed_peptide_1_355_aa	
16022	ATL8C7677_GENSCAN_predict	bzip(HMM:6.5e-15)
	ed_peptide_1_346_aa	
16023	ATL8C8666_GENSCAN_predict	bzip(HMM:0.0027)
	ed_peptide_1_98_aa	
16024	ATL8C9187_GENSCAN_predict	bzip(HMM:0.12)
	ed_peptide_1_209_aa	
16025	ATL8C9923_GENSCAN_predict	bzip(HMM:2e-13)
	ed_peptide_1_173_aa	
16026	ATL8S18566_GENSCAN_predi	bzip(HMM:6.8e-15)
	cted_peptide_1_117_aa	
16027	ATL8S28086_GENSCAN_predi	bzip(HMM:8.5e-05)
	cted_peptide_1_94_aa	
16028	ATL8C1292_GENSCAN_predict	bzip(HMM:0.031),homeobox(HMM:4.2e-16)
	ed_peptide_1_257_aa	
16029	ATL8C25606_GENSCAN_predi	bzip(HMM:0.022),homeobox(HMM:9.8e-16)
	cted_peptide_1_327_aa	
16030	ATL8C19503_GENSCAN_predi	cbfd_nfyb_hmf(HMM:2.2e-22)
	cted_peptide_1_418_aa	
16031	ATL8C19937_GENSCAN_predi	cbfd_nfyb_hmf(HMM:1.6e-07)
	cted_peptide_1_196_aa	
16032	ATL8C22040_GENSCAN_predi	cbfd_nfyb_hmf(HMM:2.9e-05)
	cted_peptide_1_120_aa	
16033	ATL8C27409_GENSCAN_predi	cbfd_nfyb_hmf(HMM:0.029)
	cted_peptide_1_102_aa	
16034	ATL8C30032_GENSCAN_predi	cbfd_nfyb_hmf(HMM:1.3e-23)
	cted_peptide_2_217_aa	
16035	ATL8C32120_GENSCAN_predi	cbfd_nfyb_hmf(HMM:2e-36)
	cted_peptide_1_118_aa	

16036	ATL8C33923_GENSCAN_predicated_peptide_3_224_aa	cbfd_nfyb_hmf(HMM:2e-24)
16037	ATL8C34236_GENSCAN_predicated_peptide_1_201_aa	cbfd_nfyb_hmf(HMM:8e-16)
16038	ATL8C35132_GENSCAN_predicated_peptide_1_61_aa	cbfd_nfyb_hmf(HMM:0.62)
16039	ATL8C38143_GENSCAN_predicated_peptide_1_216_aa	cbfd_nfyb_hmf(HMM:1e-38)
16040	ATL8C47214_GENSCAN_predicated_peptide_2_678_aa	cbfd_nfyb_hmf(HMM:1.3e-23)
16041	ATL8C47289_GENSCAN_predicated_peptide_1_177_aa	cbfd_nfyb_hmf(HMM:1.6e-39)
16042	ATL8C48909_GENSCAN_predicated_peptide_1_142_aa	cbfd_nfyb_hmf(HMM:9.9e-14)
16043	ATL8C5100_GENSCAN_predicted_peptide_1_71_aa	cbfd_nfyb_hmf(HMM:1e-08)
16044	ATL8C829_GENSCAN_predicted_peptide_1_160_aa	cbfd_nfyb_hmf(HMM:1.2e-08)
16045	ATL8C15044_GENSCAN_predicated_peptide_2_103_aa	cbfd_nfyb_hmf(HMM:0.099),histone(HMM:1.7e-19)
16046	ATL8C35783_GENSCAN_predicated_peptide_1_136_aa	cbfd_nfyb_hmf(HMM:0.012),histone(HMM:3.9e-52)
16047	ATL8C42081_GENSCAN_predicated_peptide_1_103_aa	cbfd_nfyb_hmf(HMM:0.099),histone(HMM:1.7e-19)
16048	ATL8C50238_GENSCAN_predicated_peptide_1_103_aa	cbfd_nfyb_hmf(HMM:0.099),histone(HMM:1.7e-19)
16049	ATL8S10143_GENSCAN_predicated_peptide_1_62_aa	cbfd_nfyb_hmf(HMM:3.8),histone(HMM:2.2e-10)
16050	ATL8C26273_GENSCAN_predicated_peptide_1_256_aa	cbfd_nfyb_hmf(HMM:5.1e-36),trihelix(HMM:4.2)
16051	ATL8C10174_GENSCAN_predicated_peptide_1_722_aa	chromo(HMM:0.017)
16052	ATL8C25064_GENSCAN_predicated_peptide_1_176_aa	chromo(HMM:0.00057)
16053	ATL8C2597_GENSCAN_predicted_peptide_1_290_aa	chromo(HMM:0.087)
16054	ATL8C26436_GENSCAN_predicated_peptide_1_144_aa	chromo(HMM:0.005)
16055	ATL8C37437_GENSCAN_predicated_peptide_1_439_aa	chromo(HMM:1e-17)
16056	ATL8C3846_GENSCAN_predicted_peptide_1_1168_aa	chromo(HMM:0.058)
16057	ATL8C43394_GENSCAN_predicated_peptide_1_317_aa	chromo(HMM:0.0026)
16058	ATL8C4472_GENSCAN_predicted_peptide_1_514_aa	chromo(HMM:0.0017)
16059	ATL8C4796_GENSCAN_predicted_peptide_2_451_aa	chromo(HMM:0.005)
16060	ATL8C8545_GENSCAN_predicted_peptide_1_725_aa	chromo(HMM:0.014)
16061	ATL8S11840_GENSCAN_predicated_peptide_1_61_aa	chromo(HMM:2.1e-08)
16062	ATL8S12870_GENSCAN_predicated_peptide_1_35_aa	chromo(HMM:0.0093)

16063	ATL8C5666_GENSCAN_predict ed_peptide_1_137_aa	chromo(HMM:1.3),snf2_n(HMM :4.5e-19)
16064	ATL8C23249_GENSCAN_predi cted_peptide_1_135_aa	csd(HMM:1.9e-21)
16065	ATL8C2397_GENSCAN_predict ed_peptide_1_258_aa	csd(HMM:1.1e-23)
16066	ATL8C35115_GENSCAN_predi cted_peptide_2_179_aa	csd(HMM:7.6e-23)
16067	ATL8C12027_GENSCAN_predi cted_peptide_1_174_aa	dof(HMM:7)
16068	ATL8C1307_GENSCAN_predict ed_peptide_1_139_aa	dof(HMM:1.6e-34)
16069	ATL8C13085_GENSCAN_predi cted_peptide_1_281_aa	dof(HMM:2.6e-37)
16070	ATL8C14078_GENSCAN_predi cted_peptide_1_222_aa	dof(HMM:4.8e-35)
16071	ATL8C16392_GENSCAN_predi cted_peptide_1_344_aa	dof(HMM:2.1e-36)
16072	ATL8C23455_GENSCAN_predi cted_peptide_1_303_aa	dof(HMM:1.4e-36)
16073	ATL8C3045_GENSCAN_predict ed_peptide_1_107_aa	dof(HMM:0.01)
16074	ATL8C420_GENSCAN_predicte d_peptide_1_251_aa	dof(HMM:1.2e-36)
16075	ATL8C47245_GENSCAN_predi cted_peptide_1_348_aa	dof(HMM:8.6e-36)
16076	ATL8C47651_GENSCAN_predi cted_peptide_1_312_aa	dof(HMM:2.2e-36)
16077	ATL8C48462_GENSCAN_predi cted_peptide_1_170_aa	dof(HMM:5.4e-36)
16078	ATL8C5274_GENSCAN_predict ed_peptide_1_75_aa	dof(HMM:7.4e-26)
16079	ATL8C9479_GENSCAN_predict ed_peptide_1_263_aa	dof(HMM:3.1e-35)
16080	ATL8C9562_GENSCAN_predict ed_peptide_1_279_aa	dof(HMM:0.0016)
16081	ATL8S7393_GENSCAN_predict ed_peptide_1_68_aa	dof(HMM:2.7e-27)
16082	ATL8C11450_GENSCAN_predi cted_peptide_1_124_aa	dpb(HMM:3.3e-28)
16083	ATL8C19510_GENSCAN_predi cted_peptide_1_83_aa	dpb(HMM:1.2e-07)
16084	ATL8C24139_GENSCAN_predi cted_peptide_1_264_aa	dpb(HMM:0.62)
16085	ATL8C27586_GENSCAN_predi cted_peptide_1_92_aa	dpb(HMM:1.7e-36)
16086	ATL8C42989_GENSCAN_predi cted_peptide_1_283_aa	dpb(HMM:8e-18)
16087	ATL8C46424_GENSCAN_predi cted_peptide_1_347_aa	dpb(HMM:0.0047)
16088	ATL8C15998_GENSCAN_predi cted_peptide_2_60_aa	enbp(HMM:8.9e-18)
16089	ATL8C2233_GENSCAN_predict ed_peptide_1_40_aa	enbp(HMM:1e-23)



16090	ATL8C23551_GENSCAN_predicated_peptide_1_141_aa	enbp(HMM:0.00032)
16091	ATL8C25161_GENSCAN_predicated_peptide_1_233_aa	enbp(HMM:4.3e-28)
16092	ATL8C35332_GENSCAN_predicated_peptide_1_72_aa	enbp(HMM:6.7e-31)
16093	ATL8C37699_GENSCAN_predicated_peptide_1_146_aa	enbp(HMM:1.8e-06)
16094	ATL8C4017_GENSCAN_predicted_peptide_1_101_aa	enbp(HMM:0.026)
16095	ATL8C42872_GENSCAN_predicated_peptide_1_121_aa	enbp(HMM:7.1e-27)
16096	ATL8C45996_GENSCAN_predicated_peptide_1_256_aa	enbp(HMM:0.00091)
16097	ATL8C47426_GENSCAN_predicated_peptide_1_286_aa	enbp(HMM:1.1e-47)
16098	ATL8S943_GENSCAN_predicted_peptide_1_41_aa	enbp(HMM:3.4e-07)
16099	ATL8C14586_GENSCAN_predicated_peptide_1_147_aa	gata(HMM:3.5)
16100	ATL8C15894_GENSCAN_predicated_peptide_1_315_aa	gata(HMM:2.5e-14)
16101	ATL8C1696_GENSCAN_predicted_peptide_1_527_aa	gata(HMM:6.3e-17)
16102	ATL8C21837_GENSCAN_predicated_peptide_1_264_aa	gata(HMM:2.3e-15)
16103	ATL8C22730_GENSCAN_predicated_peptide_1_339_aa	gata(HMM:5.4e-16)
16104	ATL8C24077_GENSCAN_predicated_peptide_2_238_aa	gata(HMM:2.3e-15)
16105	ATL8C24078_GENSCAN_predicated_peptide_1_68_aa	gata(HMM:0.00019)
16106	ATL8C26960_GENSCAN_predicated_peptide_1_178_aa	gata(HMM:6.5e-15)
16107	ATL8C33766_GENSCAN_predicated_peptide_1_231_aa	gata(HMM:1.7e-17)
16108	ATL8C3817_GENSCAN_predicted_peptide_1_63_aa	gata(HMM:0.43)
16109	ATL8C38347_GENSCAN_predicated_peptide_1_269_aa	gata(HMM:5.6e-16)
16110	ATL8C40525_GENSCAN_predicated_peptide_1_192_aa	gata(HMM:2.5e-13)
16111	ATL8C48623_GENSCAN_predicated_peptide_1_38_aa	gata(HMM:2.2e-05)
16112	ATL8C49952_GENSCAN_predicated_peptide_1_195_aa	gata(HMM:4.1e-17)
16113	ATL8C5224_GENSCAN_predicted_peptide_1_240_aa	gata(HMM:1.8e-15)
16114	ATL8C6407_GENSCAN_predicted_peptide_1_134_aa	gata(HMM:2.8e-17)
16115	ATL8C728_GENSCAN_predicted_peptide_1_169_aa	gata(HMM:1.2e-12)
16116	ATL8C778_GENSCAN_predicted_peptide_2_211_aa	gata(HMM:1.5e-06)

16117	ATL8C7826_GENSCAN_predict ed_peptide_1_177_aa	gata(HMM:2e-09)
16118	ATL8C11779_GENSCAN_predi cted_peptide_1_318_aa	gld-tea(HMM:0.0031)
16119	ATL8C12143_GENSCAN_predi cted_peptide_1_218_aa	gld-tea(HMM:1.3)
16120	ATL8C1308_GENSCAN_predict ed_peptide_1_214_aa	gld-tea(HMM:0.00033)
16121	ATL8C13534_GENSCAN_predi cted_peptide_1_404_aa	gld-tea(HMM:0.062)
16122	ATL8C14698_GENSCAN_predi cted_peptide_1_79_aa	gld-tea(HMM:0.02)
16123	ATL8C1635_GENSCAN_predict ed_peptide_1_327_aa	gld-tea(HMM:2.5e-25)
16124	ATL8C17183_GENSCAN_predi cted_peptide_1_223_aa	gld-tea(HMM:1.5e-35)
16125	ATL8C19956_GENSCAN_predi cted_peptide_1_381_aa	gld-tea(HMM:4.3e-31)
16126	ATL8C25794_GENSCAN_predi cted_peptide_1_142_aa	gld-tea(HMM:6.4e-32)
16127	ATL8C26025_GENSCAN_predi cted_peptide_1_70_aa	gld-tea(HMM:0.0052)
16128	ATL8C26579_GENSCAN_predi cted_peptide_1_81_aa	gld-tea(HMM:0.049)
16129	ATL8C26638_GENSCAN_predi cted_peptide_1_206_aa	gld-tea(HMM:9.9e-33)
16130	ATL8C27176_GENSCAN_predi cted_peptide_1_67_aa	gld-tea(HMM:0.0077)
16131	ATL8C27237_GENSCAN_predi cted_peptide_1_53_aa	gld-tea(HMM:4.3e-21)
16132	ATL8C28358_GENSCAN_predi cted_peptide_1_85_aa	gld-tea(HMM:0.062)
16133	ATL8C31026_GENSCAN_predi cted_peptide_1_273_aa	gld-tea(HMM:0.00016)
16134	ATL8C35507_GENSCAN_predi cted_peptide_1_92_aa	gld-tea(HMM:0.00033)
16135	ATL8C4485_GENSCAN_predict ed_peptide_1_303_aa	gld-tea(HMM:5.7e-28)
16136	ATL8C46237_GENSCAN_predi cted_peptide_1_323_aa	gld-tea(HMM:2.1e-39)
16137	ATL8C49028_GENSCAN_predi cted_peptide_1_305_aa	gld-tea(HMM:5e-38)
16138	ATL8C49029_GENSCAN_predi cted_peptide_1_242_aa	gld-tea(HMM:5e-38)
16139	ATL8C6862_GENSCAN_predict ed_peptide_1_163_aa	gld-tea(HMM:0.0015)
16140	ATL8C9194_GENSCAN_predict ed_peptide_1_267_aa	gld-tea(HMM:0.0003)
16141	ATL8C9662_GENSCAN_predict ed_peptide_1_88_aa	gld-tea(HMM:1.2e-09)
16142	ATL8C9728_GENSCAN_predict ed_peptide_1_92_aa	gld-tea(HMM:1.2e-24)
16143	ATL8S19866_GENSCAN_predi cted_peptide_1_46_aa	gld-tea(HMM:0.0021)

16144	ATL8S29026_GENSCAN_predicated_peptide_1_82_aa	gld-tea(HMM:0.014)
16145	ATL8C13536_GENSCAN_predicated_peptide_1_334_aa	gld-tea(HMM:5.6e-42),response_reg(HMM:2.4e-15)
16146	ATL8C17346_GENSCAN_predicated_peptide_1_737_aa	gld-tea(HMM:1.2e-34),response_reg(HMM:8.3e-33)
16147	ATL8C9659_GENSCAN_predicted_peptide_1_178_aa	gld-tea(HMM:9.2e-31),response_reg(HMM:0.081)
16148	ATL8C9660_GENSCAN_predicted_peptide_1_187_aa	gld-tea(HMM:0.0044),response_reg(HMM:4.5e-11)
16149	ATL8S28887_GENSCAN_predicated_peptide_1_157_aa	hhh(HMM:2.2)
16150	ATL8C15779_GENSCAN_predicated_peptide_1_100_aa	hist_deacetyl(HMM:6.6e-11)
16151	ATL8C16300_GENSCAN_predicated_peptide_1_551_aa	hist_deacetyl(HMM:2.8e-25)
16152	ATL8C16945_GENSCAN_predicated_peptide_1_923_aa	hist_deacetyl(HMM:7.6e-182)
16153	ATL8C17477_GENSCAN_predicated_peptide_1_262_aa	hist_deacetyl(HMM:6.6e-35)
16154	ATL8C23730_GENSCAN_predicated_peptide_1_181_aa	hist_deacetyl(HMM:0.0071)
16155	ATL8C24227_GENSCAN_predicated_peptide_1_255_aa	hist_deacetyl(HMM:9.5e-06)
16156	ATL8C27223_GENSCAN_predicated_peptide_1_223_aa	hist_deacetyl(HMM:2.2e-31)
16157	ATL8C36116_GENSCAN_predicated_peptide_1_206_aa	hist_deacetyl(HMM:0.0017)
16158	ATL8C37985_GENSCAN_predicated_peptide_1_195_aa	hist_deacetyl(HMM:7e-47)
16159	ATL8C40721_GENSCAN_predicated_peptide_1_149_aa	hist_deacetyl(HMM:0.003)
16160	ATL8C47351_GENSCAN_predicated_peptide_2_160_aa	hist_deacetyl(HMM:4.7e-06)
16161	ATL8C7382_GENSCAN_predicted_peptide_1_200_aa	hist_deacetyl(HMM:3.1e-08)
16162	ATL8C13494_GENSCAN_predicated_peptide_1_136_aa	histone(HMM:7.5e-48)
16163	ATL8C14384_GENSCAN_predicated_peptide_2_145_aa	histone(HMM:2.8e-48)
16164	ATL8C14785_GENSCAN_predicated_peptide_2_111_aa	histone(HMM:9.4e-20)
16165	ATL8C15061_GENSCAN_predicated_peptide_1_136_aa	histone(HMM:8.1e-48)
16166	ATL8C15326_GENSCAN_predicated_peptide_1_39_aa	histone(HMM:2.9e-06)
16167	ATL8C15690_GENSCAN_predicated_peptide_1_135_aa	histone(HMM:1.6e-05)
16168	ATL8C15902_GENSCAN_predicated_peptide_1_136_aa	histone(HMM:2.2e-44)
16169	ATL8C21346_GENSCAN_predicated_peptide_1_245_aa	histone(HMM:6.8e-29)
16170	ATL8C22933_GENSCAN_predicated_peptide_1_245_aa	histone(HMM:0.13)

16171	cted_peptide_1_63_aa ATL8C24066_GENSCAN_predi	histone(HMM:1.2e-23)
16172	cted_peptide_1_94_aa ATL8C24887_GENSCAN_predi	histone(HMM:5.2e-42)
16173	cted_peptide_1_203_aa ATL8C25827_GENSCAN_predi	histone(HMM:5.5e-31)
16174	cted_peptide_2_131_aa ATL8C26567_GENSCAN_predi	histone(HMM:6.5e-12)
16175	cted_peptide_1_53_aa ATL8C26990_GENSCAN_predi	histone(HMM:0.47)
16176	cted_peptide_1_159_aa ATL8C30536_GENSCAN_predi	histone(HMM:4.2e-07)
16177	cted_peptide_1_39_aa ATL8C30848_GENSCAN_predi	histone(HMM:8.1e-48)
16178	cted_peptide_2_136_aa ATL8C31034_GENSCAN_predi	histone(HMM:1.9e-48)
16179	cted_peptide_2_148_aa ATL8C32941_GENSCAN_predi	histone(HMM:7e-47)
16180	cted_peptide_1_243_aa ATL8C41472_GENSCAN_predi	histone(HMM:1.5e-33)
16181	cted_peptide_1_117_aa ATL8C42864_GENSCAN_predi	histone(HMM:8.1e-48)
16182	cted_peptide_1_170_aa ATL8C43629_GENSCAN_predi	histone(HMM:3.9e-32)
16183	cted_peptide_1_418_aa ATL8C46495_GENSCAN_predi	histone(HMM:2.1e-47)
16184	cted_peptide_2_136_aa ATL8C46569_GENSCAN_predi	histone(HMM:1.9e-06)
16185	cted_peptide_1_140_aa ATL8C48736_GENSCAN_predi	histone(HMM:6.2e-06)
16186	cted_peptide_1_213_aa ATL8C48831_GENSCAN_predi	histone(HMM:3.4e-47)
16187	cted_peptide_1_221_aa ATL8C5765_GENSCAN_predict	histone(HMM:1.2e-22)
16188	ed_peptide_1_88_aa ATL8C9026_GENSCAN_predict	histone(HMM:1.6e-12)
16189	ed_peptide_2_427_aa ATL8S7617_GENSCAN_predict	histone(HMM:1.9e-27)
16190	ed_peptide_1_138_aa ATL8C10411_GENSCAN_predi	hlh(HMM:0.92)
16191	cted_peptide_1_184_aa ATL8C10699_GENSCAN_predi	hlh(HMM:2.7e-13)
16192	cted_peptide_1_271_aa ATL8C11933_GENSCAN_predi	hlh(HMM:7.6e-11)
16193	cted_peptide_1_343_aa ATL8C12373_GENSCAN_predi	hlh(HMM:0.00026)
16194	cted_peptide_1_132_aa ATL8C12451_GENSCAN_predi	hlh(HMM:0.031)
16195	cted_peptide_1_196_aa ATL8C13458_GENSCAN_predi	hlh(HMM:2.3e-11)
16196	cted_peptide_1_258_aa ATL8C1467_GENSCAN_predict	hlh(HMM:0.00041)
16197	ed_peptide_1_347_aa ATL8C15146_GENSCAN_predi	hlh(HMM:1.1)

16198	cted_peptide_1_140_aa ATL8C16641_GENSCAN_predi	hlh(HMM:4.3e-09)
16199	cted_peptide_2_277_aa ATL8C17486_GENSCAN_predi	hlh(HMM:3.7e-08)
16200	cted_peptide_1_211_aa ATL8C17848_GENSCAN_predi	hlh(HMM:5.9e-06)
16201	cted_peptide_1_127_aa ATL8C18901_GENSCAN_predi	hlh(HMM:0.041)
16202	cted_peptide_1_124_aa ATL8C19853_GENSCAN_predi	hlh(HMM:4.7e-11)
16203	cted_peptide_1_253_aa ATL8C2010_GENSCAN_predict	hlh(HMM:8.4e-18)
16204	ed_peptide_1_507_aa ATL8C2121_GENSCAN_predict	hlh(HMM:7.8e-07)
16205	ed_peptide_1_44_aa ATL8C2357_GENSCAN_predict	hlh(HMM:0.038)
16206	ed_peptide_1_149_aa ATL8C24731_GENSCAN_predi	hlh(HMM:1.7e-19)
16207	cted_peptide_1_318_aa ATL8C26435_GENSCAN_predi	hlh(HMM:0.36)
16208	cted_peptide_1_277_aa ATL8C26690_GENSCAN_predi	hlh(HMM:1.3e-06)
16209	cted_peptide_1_86_aa ATL8C27234_GENSCAN_predi	hlh(HMM:1.4e-09)
16210	cted_peptide_1_211_aa ATL8C2790_GENSCAN_predict	hlh(HMM:0.062)
16211	ed_peptide_1_178_aa ATL8C28220_GENSCAN_predi	hlh(HMM:4.5e-14)
16212	cted_peptide_1_130_aa ATL8C28938_GENSCAN_predi	hlh(HMM:1.1e-08)
16213	cted_peptide_1_155_aa ATL8C30249_GENSCAN_predi	hlh(HMM:0.15)
16214	cted_peptide_1_132_aa ATL8C31985_GENSCAN_predi	hlh(HMM:3e-09)
16215	cted_peptide_1_132_aa ATL8C32204_GENSCAN_predi	hlh(HMM:1.2e-08)
16216	cted_peptide_1_345_aa ATL8C34524_GENSCAN_predi	hlh(HMM:1.3e-08)
16217	cted_peptide_1_171_aa ATL8C3465_GENSCAN_predict	hlh(HMM:2.3e-12)
16218	ed_peptide_2_274_aa ATL8C34864_GENSCAN_predi	hlh(HMM:0.0055)
16219	cted_peptide_1_96_aa ATL8C35066_GENSCAN_predi	hlh(HMM:1.1e-07)
16220	cted_peptide_1_147_aa ATL8C36210_GENSCAN_predi	hlh(HMM:6.1e-11)
16221	cted_peptide_1_472_aa ATL8C37146_GENSCAN_predi	hlh(HMM:2.5e-08)
16222	cted_peptide_1_261_aa ATL8C37877_GENSCAN_predi	hlh(HMM:2e-09)
16223	cted_peptide_1_179_aa ATL8C40559_GENSCAN_predi	hlh(HMM:0.0071)
16224	cted_peptide_1_207_aa ATL8C40991_GENSCAN_predi	hlh(HMM:5.1)

	cted_peptide_1_145_aa	
16225	ATL8C41999_GENSCAN_predi	hlh(HMM:0.0014)
	cted_peptide_1_152_aa	
16226	ATL8C42474_GENSCAN_predi	hlh(HMM:5.1e-10)
	cted_peptide_2_155_aa	
16227	ATL8C42741_GENSCAN_predi	hlh(HMM:8.1e-10)
	cted_peptide_1_280_aa	
16228	ATL8C4401_GENSCAN_predict	hlh(HMM:1.1e-08)
	ed_peptide_1_177_aa	
16229	ATL8C45545_GENSCAN_predi	hlh(HMM:2.4e-15)
	cted_peptide_1_491_aa	
16230	ATL8C45714_GENSCAN_predi	hlh(HMM:0.0013)
	cted_peptide_1_177_aa	
16231	ATL8C46265_GENSCAN_predi	hlh(HMM:2.3e-10)
	cted_peptide_1_418_aa	
16232	ATL8C48286_GENSCAN_predi	hlh(HMM:4.1e-11)
	cted_peptide_1_268_aa	
16233	ATL8C48443_GENSCAN_predi	hlh(HMM:3.8e-07)
	cted_peptide_1_390_aa	
16234	ATL8C4859_GENSCAN_predict	hlh(HMM:7.3e-16)
	ed_peptide_1_614_aa	
16235	ATL8C4950_GENSCAN_predict	hlh(HMM:0.042)
	ed_peptide_1_242_aa	
16236	ATL8C49678_GENSCAN_predi	hlh(HMM:1.1e-14)
	cted_peptide_1_422_aa	
16237	ATL8C49695_GENSCAN_predi	hlh(HMM:0.0047)
	cted_peptide_1_140_aa	
16238	ATL8C5482_GENSCAN_predict	hlh(HMM:2e-15)
	ed_peptide_2_180_aa	
16239	ATL8C7759_GENSCAN_predict	hlh(HMM:7.4e-14)
	ed_peptide_1_274_aa	
16240	ATL8C8593_GENSCAN_predict	hlh(HMM:9.8e-16)
	ed_peptide_1_142_aa	
16241	ATL8C9091_GENSCAN_predict	hlh(HMM:2.1e-08)
	ed_peptide_1_229_aa	
16242	ATL8S10673_GENSCAN_predi	hlh(HMM:0.11)
	cted_peptide_1_63_aa	
16243	ATL8S11241_GENSCAN_predi	hlh(HMM:0.0013)
	cted_peptide_1_132_aa	
16244	ATL8S16763_GENSCAN_predi	hlh(HMM:3.1e-15)
	cted_peptide_1_153_aa	
16245	ATL8S325_GENSCAN_predicte	hlh(HMM:5.2e-10)
	d_peptide_1_79_aa	
16246	ATL8C16680_GENSCAN_predi	hlh_e2f(1.8e-21)
	cted_peptide_1_459_aa	
16247	ATL8C2226_GENSCAN_predict	hlh_e2f(7.1e-09)
	ed_peptide_1_95_aa	
16248	ATL8C15784_GENSCAN_predi	hmg_box(HMM:4.2e-14)
	cted_peptide_1_186_aa	
16249	ATL8C19271_GENSCAN_predi	hmg_box(HMM:3.5e-09)
	cted_peptide_1_129_aa	
16250	ATL8C29808_GENSCAN_predi	hmg_box(HMM:0.14)
	cted_peptide_1_76_aa	
16251	ATL8C30090_GENSCAN_predi	hmg_box(HMM:4.3e-12)

16252	cted_peptide_2_161_aa ATL8C39954_GENSCAN_predi	hmg_box(HMM:5.5e-52)
16253	cted_peptide_1_353_aa ATL8C4162_GENSCAN_predict	hmg_box(HMM:1.2e-30)
16254	ed_peptide_2_299_aa ATL8C46030_GENSCAN_predi	hmg_box(HMM:1.2e-33)
16255	cted_peptide_1_524_aa ATL8C862_GENSCAN_predicte	hmg_box(HMM:0.0009)
16256	d_peptide_1_159_aa ATL8C9528_GENSCAN_predict	hmg_box(HMM:1.2e-23)
16257	ed_peptide_2_225_aa ATL8C12400_GENSCAN_predi	homeobox(HMM:0.03)
16258	cted_peptide_1_148_aa ATL8C13558_GENSCAN_predi	homeobox(HMM:9.3)
16259	cted_peptide_1_75_aa ATL8C16087_GENSCAN_predi	homeobox(HMM:1.3e-19)
16260	cted_peptide_1_182_aa ATL8C1641_GENSCAN_predict	homeobox(HMM:5.5e-07)
16261	ed_peptide_1_411_aa ATL8C16579_GENSCAN_predi	homeobox(HMM:4.4e-16)
16262	cted_peptide_1_318_aa ATL8C175_GENSCAN_predicte	homeobox(HMM:2e-07)
16263	d_peptide_1_77_aa ATL8C18692_GENSCAN_predi	homeobox(HMM:7e-13)
16264	cted_peptide_1_82_aa ATL8C22416_GENSCAN_predi	homeobox(HMM:8.1e-20)
16265	cted_peptide_2_137_aa ATL8C23245_GENSCAN_predi	homeobox(HMM:3.2e-15)
16266	cted_peptide_1_235_aa ATL8C2452_GENSCAN_predict	homeobox(HMM:7.7e-19)
16267	ed_peptide_1_256_aa ATL8C24669_GENSCAN_predi	homeobox(HMM:0.015)
16268	cted_peptide_1_263_aa ATL8C25086_GENSCAN_predi	homeobox(HMM:2.3e-17)
16269	cted_peptide_1_205_aa ATL8C26051_GENSCAN_predi	homeobox(HMM:1.4e-07)
16270	cted_peptide_1_78_aa ATL8C26566_GENSCAN_predi	homeobox(HMM:0.061)
16271	cted_peptide_1_131_aa ATL8C26603_GENSCAN_predi	homeobox(HMM:7.5e-19)
16272	cted_peptide_1_156_aa ATL8C32595_GENSCAN_predi	homeobox(HMM:1e-19)
16273	cted_peptide_1_351_aa ATL8C33323_GENSCAN_predi	homeobox(HMM:6.5e-05)
16274	cted_peptide_1_279_aa ATL8C36588_GENSCAN_predi	homeobox(HMM:1.2e-17)
16275	cted_peptide_2_258_aa ATL8C37164_GENSCAN_predi	homeobox(HMM:3e-20)
16276	cted_peptide_1_236_aa ATL8C37722_GENSCAN_predi	homeobox(HMM:0.019)
16277	cted_peptide_1_166_aa ATL8C38809_GENSCAN_predi	homeobox(HMM:8.8e-19)
16278	cted_peptide_1_159_aa ATL8C42322_GENSCAN_predi	homeobox(HMM:9.9e-06)

16279	cted_peptide_1_116_aa ATL8C43913_GENSCAN_predi	homeobox(HMM:2.9e-16)
16280	cted_peptide_1_215_aa ATL8C44595_GENSCAN_predi	homeobox(HMM:4.2e-13)
16281	cted_peptide_1_288_aa ATL8C45830_GENSCAN_predi	homeobox(HMM:6.7e-20)
16282	cted_peptide_1_681_aa ATL8C47502_GENSCAN_predi	homeobox(HMM:0.00015)
16283	cted_peptide_1_40_aa ATL8C47873_GENSCAN_predi	homeobox(HMM:0.0031)
16284	cted_peptide_1_183_aa ATL8C4831_GENSCAN_predict	homeobox(HMM:4.7e-06)
16285	ed_peptide_1_356_aa ATL8C48864_GENSCAN_predi	homeobox(HMM:0.082)
16286	cted_peptide_1_275_aa ATL8C49288_GENSCAN_predi	homeobox(HMM:8.6e-21)
16287	cted_peptide_1_441_aa ATL8C6479_GENSCAN_predict	homeobox(HMM:3.2e-17)
16288	ed_peptide_1_233_aa ATL8C6499_GENSCAN_predict	homeobox(HMM:6.8e-09)
16289	ed_peptide_1_282_aa ATL8C8164_GENSCAN_predict	homeobox(HMM:3.8e-19)
16290	ed_peptide_1_243_aa ATL8C8866_GENSCAN_predict	homeobox(HMM:9e-20)
16291	ed_peptide_1_113_aa ATL8C9574_GENSCAN_predict	homeobox(HMM:8.7e-19)
16292	ed_peptide_1_248_aa ATL8C9652_GENSCAN_predict	homeobox(HMM:0.0037)
16293	ed_peptide_1_116_aa ATL8C9857_GENSCAN_predict	homeobox(HMM:8.3e-10)
16294	ed_peptide_1_163_aa ATL8S3119_GENSCAN_predict	homeobox(HMM:2e-19)
16295	ed_peptide_1_139_aa ATL8C11648_GENSCAN_predi	homeobox(HMM:0.79),homeobo
16296	cted_peptide_1_52_aa ATL8C21868_GENSCAN_predi	x_knox3(1.7e-12) homeobox(HMM:0.1),homeobox
16297	cted_peptide_1_99_aa ATL8C23768_GENSCAN_predi	_knox3(3.5e-07) homeobox(HMM:0.00011),home
16298	cted_peptide_1_526_aa ATL8C26459_GENSCAN_predi	obox_knox3(2.2e-10) homeobox(HMM:0.001),homeob
16299	cted_peptide_1_258_aa ATL8C45512_GENSCAN_predi	ox_knox3(2.6e-09) homeobox(HMM:0.0008),homeo
16300	cted_peptide_1_680_aa ATL8C48577_GENSCAN_predi	box_knox3(1.5e-09) homeobox(HMM:0.0029),homeo
16301	cted_peptide_1_192_aa ATL8C50117_GENSCAN_predi	box_knox3(1.7e-06) homeobox(HMM:0.42),homeobo
16302	cted_peptide_1_76_aa ATL8C11646_GENSCAN_predi	x_knox3(5.3e-06) homeobox_knox3(1.7e-11)
16303	cted_peptide_1_298_aa ATL8C24225_GENSCAN_predi	homeobox_knox3(5.9e-12)
16304	cted_peptide_1_187_aa ATL8C47661_GENSCAN_predi	homeobox_knox3(6.2e-16)
16305	cted_peptide_1_185_aa ATL8C6026_GENSCAN_predict	homeobox_knox3(2.0e-05)



	ed_peptide_1_74_aa	
16306	ATL8C16575_GENSCAN_predi	hsf_dna-bind(HMM:2.8e-15)
	cted_peptide_1_51_aa	
16307	ATL8C17036_GENSCAN_predi	hsf_dna-bind(HMM:7.9)
	cted_peptide_1_85_aa	
16308	ATL8C17709_GENSCAN_predi	hsf_dna-bind(HMM:0.0082)
	cted_peptide_1_220_aa	
16309	ATL8C27659_GENSCAN_predi	hsf_dna-bind(HMM:1.1e-07)
	cted_peptide_1_82_aa	
16310	ATL8C31854_GENSCAN_predi	hsf_dna-bind(HMM:4.4e-05)
	cted_peptide_1_273_aa	
16311	ATL8C32229_GENSCAN_predi	hsf_dna-bind(HMM:4.3e-99)
	cted_peptide_2_476_aa	
16312	ATL8C34329_GENSCAN_predi	hsf_dna-bind(HMM:0.0014)
	cted_peptide_1_202_aa	
16313	ATL8C35490_GENSCAN_predi	hsf_dna-bind(HMM:0.0015)
	cted_peptide_1_115_aa	
16314	ATL8C36029_GENSCAN_predi	hsf_dna-bind(HMM:3.4e-05)
	cted_peptide_1_130_aa	
16315	ATL8C36103_GENSCAN_predi	hsf_dna-bind(HMM:9.7e-10)
	cted_peptide_1_448_aa	
16316	ATL8C36464_GENSCAN_predi	hsf_dna-bind(HMM:3.9e-05)
	cted_peptide_1_92_aa	
16317	ATL8C37494_GENSCAN_predi	hsf_dna-bind(HMM:1.9e-58)
	cted_peptide_1_272_aa	
16318	ATL8C3993_GENSCAN_predict	hsf_dna-bind(HMM:0.00015)
	ed_peptide_1_211_aa	
16319	ATL8C4150_GENSCAN_predict	hsf_dna-bind(HMM:0.0017)
	ed_peptide_1_105_aa	
16320	ATL8C435_GENSCAN_predicte	hsf_dna-bind(HMM:2.6e-16)
	d_peptide_2_412_aa	
16321	ATL8C44080_GENSCAN_predi	hsf_dna-bind(HMM:1.3e-57)
	cted_peptide_2_282_aa	
16322	ATL8C48561_GENSCAN_predi	hsf_dna-bind(HMM:3.1e-60)
	cted_peptide_1_251_aa	
16323	ATL8S13994_GENSCAN_predi	hsf_dna-bind(HMM:6.6e-06)
	cted_peptide_1_92_aa	
16324	ATL8S26157_GENSCAN_predi	hsf_dna-bind(HMM:6.3e-08)
	cted_peptide_1_70_aa	
16325	ATL8S30637_GENSCAN_predi	hsf_dna-bind(HMM:0.0021)
	cted_peptide_1_72_aa	
16326	ATL8C12290_GENSCAN_predi	iaa(HMM:1.2e-61)
	cted_peptide_1_216_aa	
16327	ATL8C13298_GENSCAN_predi	iaa(HMM:3.1e-22)
	cted_peptide_1_128_aa	
16328	ATL8C15121_GENSCAN_predi	iaa(HMM:5.8e-09)
	cted_peptide_1_96_aa	
16329	ATL8C17000_GENSCAN_predi	iaa(HMM:2e-47)
	cted_peptide_1_206_aa	
16330	ATL8C19754_GENSCAN_predi	iaa(HMM:0.16)
	cted_peptide_1_517_aa	
16331	ATL8C24242_GENSCAN_predi	iaa(HMM:8.5e-23)
	cted_peptide_2_392_aa	
16332	ATL8C2460_GENSCAN_predict	iaa(HMM:2.5e-56)

16333	ed_peptide_1_246_aa ATL8C27104_GENSCAN_predi	iaa(HMM:5.3e-23)
16334	cted_peptide_2_80_aa ATL8C28897_GENSCAN_predi	iaa(HMM:0.13)
16335	cted_peptide_1_94_aa ATL8C33382_GENSCAN_predi	iaa(HMM:1.4e-15)
16336	cted_peptide_1_174_aa ATL8C37213_GENSCAN_predi	iaa(HMM:0.002)
16337	cted_peptide_1_224_aa ATL8C37803_GENSCAN_predi	iaa(HMM:1e-59)
16338	cted_peptide_1_141_aa ATL8C38316_GENSCAN_predi	iaa(HMM:0.004)
16339	cted_peptide_1_137_aa ATL8C39087_GENSCAN_predi	iaa(HMM:9.8e-37)
16340	cted_peptide_1_178_aa ATL8C40471_GENSCAN_predi	iaa(HMM:6.2e-40)
16341	cted_peptide_1_131_aa ATL8C42890_GENSCAN_predi	iaa(HMM:1.6)
16342	cted_peptide_1_84_aa ATL8C45997_GENSCAN_predi	iaa(HMM:1.4e-19)
16343	cted_peptide_1_92_aa ATL8C475_GENSCAN_predicte	iaa(HMM:1.5e-51)
16344	d_peptide_1_109_aa ATL8C48876_GENSCAN_predi	iaa(HMM:5.5e-25)
16345	cted_peptide_1_157_aa ATL8C49064_GENSCAN_predi	iaa(HMM:9.8e-57)
16346	cted_peptide_1_130_aa ATL8C49366_GENSCAN_predi	iaa(HMM:1.9e-58)
16347	cted_peptide_1_226_aa ATL8C531_GENSCAN_predicte	iaa(HMM:6.9e-44)
16348	d_peptide_1_230_aa ATL8C5726_GENSCAN_predict	iaa(HMM:5.5e-65)
16349	ed_peptide_1_229_aa ATL8C9338_GENSCAN_predict	iaa(HMM:7.2e-05)
16350	ed_peptide_1_183_aa ATL8C9656_GENSCAN_predict	iaa(HMM:7.8e-05)
16351	ed_peptide_1_124_aa ATL8C9898_GENSCAN_predict	iaa(HMM:6.3e-13)
16352	ed_peptide_1_78_aa ATL8S23269_GENSCAN_predi	iaa(HMM:5.6e-05)
16353	cted_peptide_1_70_aa ATL8S3064_GENSCAN_predict	iaa(HMM:1.6e-08)
16354	ed_peptide_1_95_aa ATL8S92_GENSCAN_predicted	iaa(HMM:1.1e-37)
16355	_peptide_1_107_aa ATL8C10971_GENSCAN_predi	ibr(HMM:0.011)
16356	cted_peptide_1_1050_aa ATL8C17658_GENSCAN_predi	ibr(HMM:1e-06)
16357	cted_peptide_1_370_aa ATL8C18646_GENSCAN_predi	ibr(HMM:0.00012)
16358	cted_peptide_1_353_aa ATL8C18647_GENSCAN_predi	ibr(HMM:0.0033)
16359	cted_peptide_1_205_aa ATL8C24321_GENSCAN_predi	ibr(HMM:1.3e-12)

16360	cted_peptide_1_207_aa ATL8C3206_GENSCAN_predict	ibr(HMM:0.056)
16361	ed_peptide_1_967_aa ATL8C36736_GENSCAN_predi	ibr(HMM:8.9e-11)
16362	cted_peptide_1_197_aa ATL8C36738_GENSCAN_predi	ibr(HMM:0.15)
16363	cted_peptide_1_122_aa ATL8C45104_GENSCAN_predi	ibr(HMM:0.0063)
16364	cted_peptide_1_864_aa ATL8C49330_GENSCAN_predi	ibr(HMM:0.21)
16365	cted_peptide_1_105_aa ATL8C7139_GENSCAN_predict	ibr(HMM:9.1e-13)
16366	ed_peptide_1_536_aa ATL8C7202_GENSCAN_predict	ibr(HMM:1.6e-23)
16367	ed_peptide_1_296_aa ATL8C8167_GENSCAN_predict	ibr(HMM:0.014)
16368	ed_peptide_1_264_aa ATL8S16524_GENSCAN_predi	ibr(HMM:0.32)
16369	cted_peptide_1_116_aa ATL8C10755_GENSCAN_predi	ibr(HMM:0.0024),zf-
16370	cted_peptide_1_258_aa ATL8C17660_GENSCAN_predi	c3hc4(HMM:0.00056),zf-
16371	cted_peptide_1_295_aa ATL8C18296_GENSCAN_predi	c3hc4(HMM:0.0055),zf-
16372	cted_peptide_1_506_aa ATL8C23833_GENSCAN_predi	c3hc4(HMM:0.0049),zf-
16373	cted_peptide_1_301_aa ATL8C23833_GENSCAN_predi	c3hc4(HMM:0.0032),zf-
16374	cted_peptide_1_301_aa ATL8C39564_GENSCAN_predi	c3hc4(HMM:1.8e-11),zf-
16375	cted_peptide_1_270_aa ATL8C49329_GENSCAN_predi	c3hc4(HMM:0.016),zf-
16376	cted_peptide_1_291_aa ATL8C49905_GENSCAN_predi	c3hc4(HMM:0.0089),zf-
16377	cted_peptide_1_397_aa ATL8C11636_GENSCAN_predi	c3hc4(HMM:0.0025),zf-
16378	cted_peptide_1_94_aa ATL8C13811_GENSCAN_predi	c3hc4(HMM:0.0037),zf-
16379	cted_peptide_1_32_aa ATL8C17232_GENSCAN_predi	c3hc4(HMM:0.034),k-box
16380	cted_peptide_2_639_aa ATL8C19195_GENSCAN_predi	(HMM:5.7e-09)
16381	cted_peptide_1_982_aa ATL8C25177_GENSCAN_predi	k-box(HMM:3.2e-11)
16382	cted_peptide_1_97_aa ATL8C27745_GENSCAN_predi	k-box(HMM:0.0081)
16383	cted_peptide_1_122_aa ATL8C2821_GENSCAN_predict	k-box(HMM:0.0081)
16384	ed_peptide_1_48_aa ATL8C32388_GENSCAN_predi	k-box(HMM:0.0081)
16385	cted_peptide_2_547_aa ATL8C34405_GENSCAN_predi	k-box(HMM:0.0081)
16386	cted_peptide_1_52_aa ATL8C34848_GENSCAN_predi	k-box(HMM:6.3)
	cted_peptide_1_142_aa ATL8C35672_GENSCAN_predi	k-box(HMM:2.1e-06)

16387	cted_peptide_1_34_aa ATL8C3613_GENSCAN_predict	k-box(HMM:0.3)
16388	ed_peptide_1_69_aa ATL8C37353_GENSCAN_predi	k-box(HMM:0.045)
16389	cted_peptide_1_83_aa ATL8C40586_GENSCAN_predi	k-box(HMM:0.0048)
16390	cted_peptide_1_95_aa ATL8C42179_GENSCAN_predi	k-box(HMM:0.0013)
16391	cted_peptide_1_125_aa ATL8C4386_GENSCAN_predict	k-box(HMM:7.7e-37)
16392	ed_peptide_1_109_aa ATL8C49938_GENSCAN_predi	k-box(HMM:5.9e-18)
16393	cted_peptide_1_137_aa ATL8C7525_GENSCAN_predict	k-box(HMM:0.88)
16394	ed_peptide_1_104_aa ATL8S10546_GENSCAN_predi	k-box(HMM:0.0002)
16395	cted_peptide_1_37_aa ATL8S14682_GENSCAN_predi	k-box(HMM:9.1)
16396	cted_peptide_1_48_aa ATL8S28525_GENSCAN_predi	k-box(HMM:0.0053)
16397	cted_peptide_1_81_aa ATL8S3217_GENSCAN_predict	k-box(HMM:7.7e-14)
16398	ed_peptide_1_38_aa ATL8C13925_GENSCAN_predi	k-box(HMM:0.0061),srf-
16399	cted_peptide_1_85_aa ATL8C20604_GENSCAN_predi	tf(HMM:1.9e-34) k-box(HMM:1.3e-40),srf-
16400	cted_peptide_1_223_aa ATL8C43226_GENSCAN_predi	tf(HMM:1.7e-05) k-box(HMM:9.4e-10),srf-
16401	cted_peptide_4_138_aa ATL8C16033_GENSCAN_predi	tf(HMM:4.9e-38) lim(HMM:3e-30)
16402	cted_peptide_2_224_aa ATL8C23724_GENSCAN_predi	lim(HMM:4.5e-06)
16403	cted_peptide_1_317_aa ATL8C31212_GENSCAN_predi	lim(HMM:5.7e-05)
16404	cted_peptide_1_368_aa ATL8C35722_GENSCAN_predi	lim(HMM:0.0001)
16405	cted_peptide_1_231_aa ATL8C37545_GENSCAN_predi	lim(HMM:1.7)
16406	cted_peptide_1_45_aa ATL8S16599_GENSCAN_predi	lim(HMM:7.7e-17)
16407	cted_peptide_1_127_aa ATL8S7203_GENSCAN_predict	lim(HMM:0.04)
16408	ed_peptide_1_99_aa ATL8C10433_GENSCAN_predi	linker_histone(HMM:0.0001)
16409	cted_peptide_1_235_aa ATL8C14332_GENSCAN_predi	linker_histone(HMM:0.61)
16410	cted_peptide_1_250_aa ATL8C29697_GENSCAN_predi	linker_histone(HMM:2.8e-21)
16411	cted_peptide_1_317_aa ATL8C4587_GENSCAN_predict	linker_histone(HMM:3.7e-28)
16412	ed_peptide_1_104_aa ATL8C49501_GENSCAN_predi	linker_histone(HMM:8.6e-06)
16413	cted_peptide_3_178_aa ATL8C6950_GENSCAN_predict	linker_histone(HMM:0.00016)

16414	ed_peptide_1_182_aa ATL8S5329_GENSCAN_predict	linker_histone(HMM:1.5)
16415	ed_peptide_1_62_aa ATL8C47484_GENSCAN_predi	linker_histone(HMM:0.00085),m
16416	cted_peptide_1_373_aa ATL8C1007_GENSCAN_predict	yb_dna-binding(HMM:0.00022)
16417	ed_peptide_1_72_aa ATL8C10213_GENSCAN_predi	myb_dna-binding(HMM:0.00037)
16418	cted_peptide_1_252_aa ATL8C10265_GENSCAN_predi	myb_dna-binding(HMM:5.3)
16419	cted_peptide_1_274_aa ATL8C10750_GENSCAN_predi	myb_dna-binding(HMM:0.0019)
16420	cted_peptide_1_333_aa ATL8C10848_GENSCAN_predi	myb_dna-binding(HMM:6.6e-43)
16421	cted_peptide_1_230_aa ATL8C11379_GENSCAN_predi	myb_dna-binding(HMM:2.7)
16422	cted_peptide_1_289_aa ATL8C11448_GENSCAN_predi	myb_dna-binding(HMM:3.9e-45)
16423	cted_peptide_1_271_aa ATL8C1166_GENSCAN_predict	myb_dna-binding(HMM:0.001)
16424	ed_peptide_1_106_aa ATL8C11682_GENSCAN_predi	myb_dna-binding(HMM:2.1e-20)
16425	cted_peptide_1_309_aa ATL8C11722_GENSCAN_predi	myb_dna-binding(HMM:2.7e-44)
16426	cted_peptide_1_323_aa ATL8C12259_GENSCAN_predi	myb_dna-binding(HMM:0.013)
16427	cted_peptide_1_561_aa ATL8C12499_GENSCAN_predi	myb_dna-binding(HMM:3.8e-41)
16428	cted_peptide_1_149_aa ATL8C12546_GENSCAN_predi	myb_dna-binding(HMM:4.6e-05)
16429	cted_peptide_1_172_aa ATL8C12591_GENSCAN_predi	myb_dna-binding(HMM:0.095)
16430	cted_peptide_1_248_aa ATL8C12806_GENSCAN_predi	myb_dna-binding(HMM:1.1e-40)
16431	cted_peptide_1_122_aa ATL8C13084_GENSCAN_predi	myb_dna-binding(HMM:1.3)
16432	cted_peptide_1_317_aa ATL8C13206_GENSCAN_predi	myb_dna-binding(HMM:3.3e-21)
16433	cted_peptide_1_45_aa ATL8C13569_GENSCAN_predi	myb_dna-binding(HMM:0.063)
16434	cted_peptide_1_140_aa ATL8C14092_GENSCAN_predi	myb_dna-binding(HMM:0.04)
16435	cted_peptide_1_163_aa ATL8C14422_GENSCAN_predi	myb_dna-binding(HMM:2.1e-43)
16436	cted_peptide_2_457_aa ATL8C14575_GENSCAN_predi	myb_dna-binding(HMM:5.8e-44)
16437	cted_peptide_1_175_aa ATL8C14828_GENSCAN_predi	myb_dna-binding(HMM:0.71)
16438	cted_peptide_1_167_aa ATL8C15651_GENSCAN_predi	myb_dna-binding(HMM:8.9e-33)
16439	cted_peptide_1_67_aa ATL8C16988_GENSCAN_predi	myb_dna-binding(HMM:8.5)
16440	cted_peptide_1_59_aa ATL8C16996_GENSCAN_predi	myb_dna-binding(HMM:0.014)
		myb_dna-binding(HMM:1.3e-17)

16441	cted_peptide_1_327_aa ATL8C17365_GENSCAN_predi	myb_dna-binding(HMM:1.2e-21)
16442	cted_peptide_1_261_aa ATL8C1886_GENSCAN_predict	myb_dna-binding(HMM:0.059)
16443	ed_peptide_1_94_aa ATL8C19355_GENSCAN_predi	myb_dna-binding(HMM:7.5)
16444	cted_peptide_1_85_aa ATL8C19955_GENSCAN_predi	myb_dna-binding(HMM:2.7e-06)
16445	cted_peptide_1_209_aa ATL8C20131_GENSCAN_predi	myb_dna-binding(HMM:6.5e-08)
16446	cted_peptide_1_187_aa ATL8C20850_GENSCAN_predi	myb_dna-binding(HMM:6.4e-47)
16447	cted_peptide_2_345_aa ATL8C20870_GENSCAN_predi	myb_dna-binding(HMM:3.2e-18)
16448	cted_peptide_1_185_aa ATL8C20873_GENSCAN_predi	myb_dna-binding(HMM:0.0044)
16449	cted_peptide_1_259_aa ATL8C21218_GENSCAN_predi	myb_dna-binding(HMM:9.7e-36)
16450	cted_peptide_1_296_aa ATL8C21373_GENSCAN_predi	myb_dna-binding(HMM:1.1e-05)
16451	cted_peptide_1_77_aa ATL8C2154_GENSCAN_predict	myb_dna-binding(HMM:6.3e-33)
16452	ed_peptide_1_248_aa ATL8C22500_GENSCAN_predi	myb_dna-binding(HMM:8.2e-37)
16453	cted_peptide_1_162_aa ATL8C23303_GENSCAN_predi	myb_dna-binding(HMM:0.014)
16454	cted_peptide_1_150_aa ATL8C23637_GENSCAN_predi	myb_dna-binding(HMM:2.6e-43)
16455	cted_peptide_1_274_aa ATL8C24749_GENSCAN_predi	myb_dna-binding(HMM:1.9e-40)
16456	cted_peptide_1_429_aa ATL8C25076_GENSCAN_predi	myb_dna-binding(HMM:4.2e-15)
16457	cted_peptide_1_236_aa ATL8C25119_GENSCAN_predi	myb_dna-binding(HMM:4e-17)
16458	cted_peptide_1_79_aa ATL8C25162_GENSCAN_predi	myb_dna-binding(HMM:3e-05)
16459	cted_peptide_1_33_aa ATL8C25164_GENSCAN_predi	myb_dna-binding(HMM:1.1e-46)
16460	cted_peptide_1_236_aa ATL8C25167_GENSCAN_predi	myb_dna-binding(HMM:1.8e-41)
16461	cted_peptide_1_425_aa ATL8C25215_GENSCAN_predi	myb_dna-binding(HMM:0.019)
16462	cted_peptide_1_65_aa ATL8C25797_GENSCAN_predi	myb_dna-binding(HMM:6.8e-24)
16463	cted_peptide_1_126_aa ATL8C26052_GENSCAN_predi	myb_dna-binding(HMM:1.9e-05)
16464	cted_peptide_1_94_aa ATL8C26250_GENSCAN_predi	myb_dna-binding(HMM:0.0098)
16465	cted_peptide_1_356_aa ATL8C26447_GENSCAN_predi	myb_dna-binding(HMM:6.5e-08)
16466	cted_peptide_1_303_aa ATL8C27559_GENSCAN_predi	myb_dna-binding(HMM:0.00097)
16467	cted_peptide_1_212_aa ATL8C2778_GENSCAN_predict	myb_dna-binding(HMM:2.9)

	ed_peptide_2_186_aa	
16468	ATL8C2848_GENSCAN_predict	myb_dna-binding(HMM:0.043)
	ed_peptide_1_138_aa	
16469	ATL8C2890_GENSCAN_predict	myb_dna-binding(HMM:3e-36)
	ed_peptide_1_283_aa	
16470	ATL8C29503_GENSCAN_predi	myb_dna-
	cted_peptide_2_183_aa	binding(HMM:0.00034)
16471	ATL8C30443_GENSCAN_predi	myb_dna-binding(HMM:5.4e-07)
	cted_peptide_1_617_aa	
16472	ATL8C32082_GENSCAN_predi	myb_dna-binding(HMM:2.2e-43)
	cted_peptide_1_203_aa	
16473	ATL8C33345_GENSCAN_predi	myb_dna-binding(HMM:1.1e-30)
	cted_peptide_1_295_aa	
16474	ATL8C33602_GENSCAN_predi	myb_dna-binding(HMM:0.2)
	cted_peptide_1_47_aa	
16475	ATL8C34226_GENSCAN_predi	myb_dna-binding(HMM:2.3e-37)
	cted_peptide_1_254_aa	
16476	ATL8C3458_GENSCAN_predict	myb_dna-binding(HMM:0.026)
	ed_peptide_1_50_aa	
16477	ATL8C36124_GENSCAN_predi	myb_dna-binding(HMM:0.53)
	cted_peptide_1_78_aa	
16478	ATL8C36203_GENSCAN_predi	myb_dna-binding(HMM:0.078)
	cted_peptide_1_1145_aa	
16479	ATL8C36649_GENSCAN_predi	myb_dna-binding(HMM:4.9e-19)
	cted_peptide_1_157_aa	
16480	ATL8C36932_GENSCAN_predi	myb_dna-binding(HMM:1.1e-42)
	cted_peptide_1_305_aa	
16481	ATL8C37133_GENSCAN_predi	myb_dna-binding(HMM:9.3e-43)
	cted_peptide_1_186_aa	
16482	ATL8C37330_GENSCAN_predi	myb_dna-binding(HMM:0.0003)
	cted_peptide_1_234_aa	
16483	ATL8C3742_GENSCAN_predict	myb_dna-binding(HMM:5.5e-33)
	ed_peptide_1_653_aa	
16484	ATL8C37658_GENSCAN_predi	myb_dna-binding(HMM:0.5)
	cted_peptide_1_204_aa	
16485	ATL8C38232_GENSCAN_predi	myb_dna-binding(HMM:0.009)
	cted_peptide_1_60_aa	
16486	ATL8C38992_GENSCAN_predi	myb_dna-binding(HMM:2.1e-21)
	cted_peptide_1_101_aa	
16487	ATL8C39077_GENSCAN_predi	myb_dna-binding(HMM:5.4e-26)
	cted_peptide_1_134_aa	
16488	ATL8C39116_GENSCAN_predi	myb_dna-binding(HMM:2.1)
	cted_peptide_1_211_aa	
16489	ATL8C39762_GENSCAN_predi	myb_dna-binding(HMM:0.07)
	cted_peptide_1_254_aa	
16490	ATL8C41654_GENSCAN_predi	myb_dna-binding(HMM:1.5e-05)
	cted_peptide_1_62_aa	
16491	ATL8C42210_GENSCAN_predi	myb_dna-
	cted_peptide_1_63_aa	binding(HMM:0.00019)
16492	ATL8C4340_GENSCAN_predict	myb_dna-binding(HMM:2.9e-12)
	ed_peptide_1_272_aa	
16493	ATL8C43769_GENSCAN_predi	myb_dna-binding(HMM:2.9)
	cted_peptide_1_76_aa	
16494	ATL8C44356_GENSCAN_predi	myb_dna-binding(HMM:5.6e-08)

16495	cted_peptide_1_266_aa ATL8C45778_GENSCAN_predi	myb_dna-binding(HMM:1.3e-12)
16496	cted_peptide_2_748_aa ATL8C4615_GENSCAN_predict	myb_dna-binding(HMM:0.02)
16497	ed_peptide_1_95_aa ATL8C46235_GENSCAN_predi	myb_dna-binding(HMM:2.3e-11)
16498	cted_peptide_1_174_aa ATL8C46511_GENSCAN_predi	myb_dna-binding(HMM:0.00028)
16499	cted_peptide_1_110_aa ATL8C47751_GENSCAN_predi	myb_dna-binding(HMM:5.2e-05)
16500	cted_peptide_1_118_aa ATL8C47938_GENSCAN_predi	myb_dna-binding(HMM:3.9e-20)
16501	cted_peptide_1_112_aa ATL8C48114_GENSCAN_predi	myb_dna-binding(HMM:2.7e-16)
16502	cted_peptide_1_223_aa ATL8C48407_GENSCAN_predi	myb_dna-binding(HMM:2.3e-37)
16503	cted_peptide_2_238_aa ATL8C49537_GENSCAN_predi	myb_dna-binding(HMM:0.0003)
16504	cted_peptide_1_69_aa ATL8C49781_GENSCAN_predi	myb_dna-binding(HMM:1.7e-12)
16505	cted_peptide_3_414_aa ATL8C50055_GENSCAN_predi	myb_dna-binding(HMM:3e-37)
16506	cted_peptide_1_250_aa ATL8C50215_GENSCAN_predi	myb_dna-binding(HMM:2.2e-15)
16507	cted_peptide_1_97_aa ATL8C5912_GENSCAN_predict	myb_dna-binding(HMM:3.2e-20)
16508	ed_peptide_1_642_aa ATL8C6051_GENSCAN_predict	myb_dna-binding(HMM:3.1)
16509	ed_peptide_1_233_aa ATL8C6114_GENSCAN_predict	myb_dna-binding(HMM:9.8e-30)
16510	ed_peptide_1_246_aa ATL8C6614_GENSCAN_predict	myb_dna-binding(HMM:1.6e-11)
16511	ed_peptide_1_182_aa ATL8C7057_GENSCAN_predict	myb_dna-binding(HMM:3.7e-05)
16512	ed_peptide_1_80_aa ATL8C7735_GENSCAN_predict	myb_dna-binding(HMM:1.5)
16513	ed_peptide_1_187_aa ATL8C8027_GENSCAN_predict	myb_dna-binding(HMM:7.3e-19)
16514	ed_peptide_1_185_aa ATL8C8028_GENSCAN_predict	myb_dna-binding(HMM:2.3e-39)
16515	ed_peptide_1_134_aa ATL8C8719_GENSCAN_predict	myb_dna-binding(HMM:1.4e-19)
16516	ed_peptide_1_215_aa ATL8C9628_GENSCAN_predict	myb_dna-binding(HMM:9.9e-42)
16517	ed_peptide_1_214_aa ATL8C9845_GENSCAN_predict	myb_dna-binding(HMM:3.9e-46)
16518	ed_peptide_1_323_aa ATL8S18021_GENSCAN_predi	myb_dna-binding(HMM:0.28)
16519	cted_peptide_1_50_aa ATL8S20900_GENSCAN_predi	myb_dna-binding(HMM:0.0016)
16520	cted_peptide_1_107_aa ATL8S22259_GENSCAN_predi	myb_dna-binding(HMM:0.33)
16521	cted_peptide_1_127_aa ATL8S22482_GENSCAN_predi	myb_dna-binding(HMM:0.14)



16522	cted_peptide_1_45_aa ATL8S22907_GENSCAN_predi	myb_dna-binding(HMM:0.071)
16523	cted_peptide_1_47_aa ATL8S2385_GENSCAN_predict	myb_dna-binding(HMM:1.7e-23)
16524	ed_peptide_1_88_aa ATL8S30788_GENSCAN_predi	myb_dna-binding(HMM:1.4e-20)
16525	cted_peptide_1_89_aa ATL8S5841_GENSCAN_predict	myb_dna-binding(HMM:1.3e-20)
16526	ed_peptide_1_106_aa ATL8S6499_GENSCAN_predict	myb_dna-binding(HMM:8.6e-05)
16527	ed_peptide_1_43_aa ATL8C15935_GENSCAN_predi	myb_dna-binding(HMM:0.087),snf2_n(HMM:3.6e-130)
16528	cted_peptide_1_1500_aa ATL8C23918_GENSCAN_predi	myb_dna-binding(HMM:0.023),zz(HMM:4.7e-15)
16529	cted_peptide_2_624_aa ATL8C10441_GENSCAN_predi	nam(HMM:2.1e-80)
16530	cted_peptide_2_295_aa ATL8C10790_GENSCAN_predi	nam(HMM:1.3e-09)
16531	cted_peptide_1_96_aa ATL8C11832_GENSCAN_predi	nam(HMM:0.00025)
16532	cted_peptide_1_111_aa ATL8C12042_GENSCAN_predi	nam(HMM:9.8e-52)
16533	cted_peptide_1_210_aa ATL8C12237_GENSCAN_predi	nam(HMM:7.4e-85)
16534	cted_peptide_1_335_aa ATL8C13052_GENSCAN_predi	nam(HMM:1e-80)
16535	cted_peptide_1_564_aa ATL8C1339_GENSCAN_predict	nam(HMM:6.2e-71)
16536	ed_peptide_1_214_aa ATL8C14546_GENSCAN_predi	nam(HMM:8.4e-85)
16537	cted_peptide_1_138_aa ATL8C15263_GENSCAN_predi	nam(HMM:6.9e-08)
16538	cted_peptide_1_57_aa ATL8C17647_GENSCAN_predi	nam(HMM:7.9e-24)
16539	cted_peptide_1_121_aa ATL8C18658_GENSCAN_predi	nam(HMM:1.2e-09)
16540	cted_peptide_1_28_aa ATL8C1913_GENSCAN_predict	nam(HMM:1e-31)
16541	ed_peptide_1_93_aa ATL8C1923_GENSCAN_predict	nam(HMM:3.3e-31)
16542	ed_peptide_1_103_aa ATL8C19901_GENSCAN_predi	nam(HMM:1.9e-29)
16543	cted_peptide_1_296_aa ATL8C1998_GENSCAN_predict	nam(HMM:0.0038)
16544	ed_peptide_1_52_aa ATL8C21290_GENSCAN_predi	nam(HMM:0.0024)
16545	cted_peptide_1_83_aa ATL8C22516_GENSCAN_predi	nam(HMM:9.7e-05)
16546	cted_peptide_1_56_aa ATL8C25111_GENSCAN_predi	nam(HMM:9.6e-88)
16547	cted_peptide_1_247_aa ATL8C25120_GENSCAN_predi	nam(HMM:0.00014)

	cted_peptide_1_53_aa	
16548	ATL8C26187_GENSCAN_predi	nam(HMM:8.8e-41)
	cted_peptide_1_111_aa	
16549	ATL8C26272_GENSCAN_predi	nam(HMM:3.8e-06)
	cted_peptide_1_287_aa	
16550	ATL8C26489_GENSCAN_predi	nam(HMM:2.9e-83)
	cted_peptide_1_316_aa	
16551	ATL8C26491_GENSCAN_predi	nam(HMM:1.2e-82)
	cted_peptide_1_340_aa	
16552	ATL8C26500_GENSCAN_predi	nam(HMM:2.6e-26)
	cted_peptide_1_237_aa	
16553	ATL8C2716_GENSCAN_predict	nam(HMM:2.1e-09)
	ed_peptide_1_132_aa	
16554	ATL8C29211_GENSCAN_predi	nam(HMM:5.5e-06)
	cted_peptide_1_27_aa	
16555	ATL8C2932_GENSCAN_predict	nam(HMM:5.5e-09)
	ed_peptide_1_200_aa	
16556	ATL8C30268_GENSCAN_predi	nam(HMM:1)
	cted_peptide_1_70_aa	
16557	ATL8C3041_GENSCAN_predict	nam(HMM:1.9e-30)
	ed_peptide_1_95_aa	
16558	ATL8C309_GENSCAN_predicte	nam(HMM:0.00022)
	d_peptide_1_44_aa	
16559	ATL8C33132_GENSCAN_predi	nam(HMM:1.2e-25)
	cted_peptide_1_155_aa	
16560	ATL8C34178_GENSCAN_predi	nam(HMM:9.1e-06)
	cted_peptide_1_85_aa	
16561	ATL8C34510_GENSCAN_predi	nam(HMM:0.0097)
	cted_peptide_1_54_aa	
16562	ATL8C35471_GENSCAN_predi	nam(HMM:5e-24)
	cted_peptide_1_219_aa	
16563	ATL8C37439_GENSCAN_predi	nam(HMM:2.6e-09)
	cted_peptide_1_324_aa	
16564	ATL8C37505_GENSCAN_predi	nam(HMM:1.9e-66)
	cted_peptide_1_371_aa	
16565	ATL8C3809_GENSCAN_predict	nam(HMM:3.9e-22)
	ed_peptide_1_121_aa	
16566	ATL8C3811_GENSCAN_predict	nam(HMM:1.3e-18)
	ed_peptide_1_222_aa	
16567	ATL8C3812_GENSCAN_predict	nam(HMM:6.2e-60)
	ed_peptide_1_118_aa	
16568	ATL8C38155_GENSCAN_predi	nam(HMM:8.1e-87)
	cted_peptide_1_174_aa	
16569	ATL8C38600_GENSCAN_predi	nam(HMM:4e-09)
	cted_peptide_1_78_aa	
16570	ATL8C38726_GENSCAN_predi	nam(HMM:3.2e-05)
	cted_peptide_1_66_aa	
16571	ATL8C38906_GENSCAN_predi	nam(HMM:5.7e-36)
	cted_peptide_1_284_aa	
16572	ATL8C40040_GENSCAN_predi	nam(HMM:6.5e-06)
	cted_peptide_1_208_aa	
16573	ATL8C411_GENSCAN_predicte	nam(HMM:1.1e-27)
	d_peptide_1_374_aa	
16574	ATL8C41405_GENSCAN_predi	nam(HMM:6.9e-24)

	cted_peptide_1_115_aa	
16575	ATL8C41453_GENSCAN_predi	nam(HMM:8e-19)
	cted_peptide_1_370_aa	
16576	ATL8C41635_GENSCAN_predi	nam(HMM:1e-05)
	cted_peptide_1_109_aa	
16577	ATL8C42816_GENSCAN_predi	nam(HMM:4.3e-13)
	cted_peptide_1_99_aa	
16578	ATL8C45056_GENSCAN_predi	nam(HMM:1.2e-17)
	cted_peptide_1_211_aa	
16579	ATL8C45057_GENSCAN_predi	nam(HMM:6.7e-54)
	cted_peptide_1_188_aa	
16580	ATL8C45236_GENSCAN_predi	nam(HMM:2e-05)
	cted_peptide_1_98_aa	
16581	ATL8C45493_GENSCAN_predi	nam(HMM:1.5e-59)
	cted_peptide_1_213_aa	
16582	ATL8C45636_GENSCAN_predi	nam(HMM:1e-08)
	cted_peptide_1_38_aa	
16583	ATL8C46619_GENSCAN_predi	nam(HMM:1.2e-67)
	cted_peptide_1_434_aa	
16584	ATL8C47566_GENSCAN_predi	nam(HMM:8.8e-24)
	cted_peptide_1_98_aa	
16585	ATL8C47957_GENSCAN_predi	nam(HMM:1.5e-45)
	cted_peptide_1_97_aa	
16586	ATL8C48086_GENSCAN_predi	nam(HMM:1.8e-06)
	cted_peptide_4_320_aa	
16587	ATL8C48105_GENSCAN_predi	nam(HMM:2.7e-11)
	cted_peptide_1_256_aa	
16588	ATL8C48107_GENSCAN_predi	nam(HMM:4.4e-82)
	cted_peptide_1_161_aa	
16589	ATL8C48131_GENSCAN_predi	nam(HMM:4.6e-08)
	cted_peptide_1_207_aa	
16590	ATL8C48442_GENSCAN_predi	nam(HMM:4.1e-69)
	cted_peptide_1_142_aa	
16591	ATL8C48511_GENSCAN_predi	nam(HMM:4.3e-06)
	cted_peptide_1_135_aa	
16592	ATL8C48832_GENSCAN_predi	nam(HMM:0.0094)
	cted_peptide_1_203_aa	
16593	ATL8C49038_GENSCAN_predi	nam(HMM:5.1e-83)
	cted_peptide_1_144_aa	
16594	ATL8C49039_GENSCAN_predi	nam(HMM:4.9e-85)
	cted_peptide_1_148_aa	
16595	ATL8C50073_GENSCAN_predi	nam(HMM:7.7e-11)
	cted_peptide_2_313_aa	
16596	ATL8C5010_GENSCAN_predict	nam(HMM:5.5e-29)
	ed_peptide_1_330_aa	
16597	ATL8C50187_GENSCAN_predi	nam(HMM:7.5e-63)
	cted_peptide_1_232_aa	
16598	ATL8C537_GENSCAN_predicte	nam(HMM:1.1e-41)
	d_peptide_1_103_aa	
16599	ATL8C5572_GENSCAN_predict	nam(HMM:0.0029)
	ed_peptide_1_115_aa	
16600	ATL8C6211_GENSCAN_predict	nam(HMM:0.13)
	ed_peptide_1_155_aa	
16601	ATL8C68_GENSCAN_predicted	nam(HMM:4.8e-82)

	peptide_1_317_aa	
16602	ATL8C7473_GENSCAN_predict	nam(HMM:4.1e-81)
	ed_peptide_1_136_aa	
16603	ATL8C8547_GENSCAN_predict	nam(HMM:6.1)
	ed_peptide_1_75_aa	
16604	ATL8C94_GENSCAN_predicted	nam(HMM:8.3e-27)
	_peptide_1_240_aa	
16605	ATL8C961_GENSCAN_predicte	nam(HMM:9.8e-26)
	d_peptide_1_94_aa	
16606	ATL8S13266_GENSCAN_predi	nam(HMM:0.0022)
	cted_peptide_1_57_aa	
16607	ATL8S15272_GENSCAN_predi	nam(HMM:0.0037)
	cted_peptide_1_63_aa	
16608	ATL8S19173_GENSCAN_predi	nam(HMM:1.7e-05)
	cted_peptide_1_111_aa	
16609	ATL8S19793_GENSCAN_predi	nam(HMM:6.6e-11)
	cted_peptide_1_38_aa	
16610	ATL8S20897_GENSCAN_predi	nam(HMM:3e-11)
	cted_peptide_1_126_aa	
16611	ATL8S23042_GENSCAN_predi	nam(HMM:0.00011)
	cted_peptide_1_52_aa	
16612	ATL8S2326_GENSCAN_predict	nam(HMM:1.7e-50)
	ed_peptide_1_110_aa	
16613	ATL8S27480_GENSCAN_predi	nam(HMM:2.7)
	cted_peptide_1_43_aa	
16614	ATL8S7354_GENSCAN_predict	nam(HMM:1.7e-14)
	ed_peptide_1_89_aa	
16615	ATL8S8926_GENSCAN_predict	nam(HMM:0.00031)
	ed_peptide_1_55_aa	
16616	ATL8C11860_GENSCAN_predi	nap_family(HMM:0.0001)
	cted_peptide_1_122_aa	
16617	ATL8C21912_GENSCAN_predi	nap_family(HMM:2.5e-92)
	cted_peptide_1_292_aa	
16618	ATL8C48274_GENSCAN_predi	nap_family(HMM:2.8e-08)
	cted_peptide_1_125_aa	
16619	ATL8C4931_GENSCAN_predict	nap_family(HMM:6.6e-11)
	ed_peptide_1_82_aa	
16620	ATL8C5349_GENSCAN_predict	nap_family(HMM:5.6e-06)
	ed_peptide_1_143_aa	
16621	ATL8C5399_GENSCAN_predict	nap_family(HMM:5.9e-11)
	ed_peptide_1_84_aa	
16622	ATL8S20156_GENSCAN_predi	nap_family(HMM:2.8e-10)
	cted_peptide_1_80_aa	
16623	ATL8C10859_GENSCAN_predi	phd(HMM:0.032)
	cted_peptide_1_307_aa	
16624	ATL8C10925_GENSCAN_predi	phd(HMM:7.5e-17)
	cted_peptide_2_343_aa	
16625	ATL8C10977_GENSCAN_predi	phd(HMM:0.47)
	cted_peptide_1_449_aa	
16626	ATL8C13492_GENSCAN_predi	phd(HMM:1.3e-13)
	cted_peptide_3_153_aa	
16627	ATL8C14743_GENSCAN_predi	phd(HMM:0.17)
	cted_peptide_1_662_aa	
16628	ATL8C14746_GENSCAN_predi	phd(HMM:4e-11)

	cted_peptide_1_230_aa	
16629	ATL8C14814_GENSCAN_predi	phd(HMM:1.2e-14)
	cted_peptide_1_279_aa	
16630	ATL8C14848_GENSCAN_predi	phd(HMM:2.1e-13)
	cted_peptide_1_188_aa	
16631	ATL8C15819_GENSCAN_predi	phd(HMM:1.9e-05)
	cted_peptide_1_224_aa	
16632	ATL8C16343_GENSCAN_predi	phd(HMM:0.055)
	cted_peptide_1_363_aa	
16633	ATL8C16753_GENSCAN_predi	phd(HMM:2.8)
	cted_peptide_1_331_aa	
16634	ATL8C17549_GENSCAN_predi	phd(HMM:2.5)
	cted_peptide_1_111_aa	
16635	ATL8C18832_GENSCAN_predi	phd(HMM:2e-11)
	cted_peptide_1_705_aa	
16636	ATL8C1943_GENSCAN_predict	phd(HMM:3.1e-06)
	ed_peptide_1_427_aa	
16637	ATL8C19746_GENSCAN_predi	phd(HMM:0.038)
	cted_peptide_1_154_aa	
16638	ATL8C20569_GENSCAN_predi	phd(HMM:2.5e-06)
	cted_peptide_1_387_aa	
16639	ATL8C20581_GENSCAN_predi	phd(HMM:0.054)
	cted_peptide_1_300_aa	
16640	ATL8C21787_GENSCAN_predi	phd(HMM:0.035)
	cted_peptide_1_958_aa	
16641	ATL8C21792_GENSCAN_predi	phd(HMM:8e-05)
	cted_peptide_1_432_aa	
16642	ATL8C21889_GENSCAN_predi	phd(HMM:3e-06)
	cted_peptide_2_358_aa	
16643	ATL8C22983_GENSCAN_predi	phd(HMM:0.082)
	cted_peptide_1_583_aa	
16644	ATL8C24320_GENSCAN_predi	phd(HMM:5.3e-09)
	cted_peptide_1_1489_aa	
16645	ATL8C2445_GENSCAN_predict	phd(HMM:6.9e-15)
	ed_peptide_1_332_aa	
16646	ATL8C24566_GENSCAN_predi	phd(HMM:0.51)
	cted_peptide_1_85_aa	
16647	ATL8C26759_GENSCAN_predi	phd(HMM:1.7)
	cted_peptide_1_213_aa	
16648	ATL8C27041_GENSCAN_predi	phd(HMM:9.6e-06)
	cted_peptide_1_228_aa	
16649	ATL8C27388_GENSCAN_predi	phd(HMM:0.0098)
	cted_peptide_1_533_aa	
16650	ATL8C2817_GENSCAN_predict	phd(HMM:0.00044)
	ed_peptide_1_181_aa	
16651	ATL8C29660_GENSCAN_predi	phd(HMM:0.053)
	cted_peptide_1_362_aa	
16652	ATL8C2971_GENSCAN_predict	phd(HMM:0.11)
	ed_peptide_1_345_aa	
16653	ATL8C30985_GENSCAN_predi	phd(HMM:1.7e-06)
	cted_peptide_1_400_aa	
16654	ATL8C34392_GENSCAN_predi	phd(HMM:1.8e-12)
	cted_peptide_1_117_aa	
16655	ATL8C34574_GENSCAN_predi	phd(HMM:2.6e-09)

16656	cted_peptide_1_105_aa ATL8C35355_GENSCAN_predi	phd(HMM:0.0038)
16657	cted_peptide_2_212_aa ATL8C36072_GENSCAN_predi	phd(HMM:1.6e-16)
16658	cted_peptide_1_289_aa ATL8C3626_GENSCAN_predict	phd(HMM:1.1e-07)
16659	ed_peptide_1_141_aa ATL8C38121_GENSCAN_predi	phd(HMM:0.017)
16660	cted_peptide_1_191_aa ATL8C38122_GENSCAN_predi	phd(HMM:0.026)
16661	cted_peptide_1_249_aa ATL8C38174_GENSCAN_predi	phd(HMM:0.014)
16662	cted_peptide_2_354_aa ATL8C38851_GENSCAN_predi	phd(HMM:0.034)
16663	cted_peptide_1_281_aa ATL8C39583_GENSCAN_predi	phd(HMM:5.3e-05)
16664	cted_peptide_3_95_aa ATL8C43995_GENSCAN_predi	phd(HMM:0.053)
16665	cted_peptide_1_259_aa ATL8C46067_GENSCAN_predi	phd(HMM:0.087)
16666	cted_peptide_1_276_aa ATL8C46257_GENSCAN_predi	phd(HMM:2.5)
16667	cted_peptide_1_324_aa ATL8C46351_GENSCAN_predi	phd(HMM:3.8e-09)
16668	cted_peptide_1_386_aa ATL8C46648_GENSCAN_predi	phd(HMM:0.0079)
16669	cted_peptide_1_534_aa ATL8C48313_GENSCAN_predi	phd(HMM:0.044)
16670	cted_peptide_2_807_aa ATL8C50166_GENSCAN_predi	phd(HMM:1.8e-15)
16671	cted_peptide_1_424_aa ATL8C5953_GENSCAN_predict	phd(HMM:0.043)
16672	ed_peptide_1_487_aa ATL8C7567_GENSCAN_predict	phd(HMM:3.5e-05)
16673	ed_peptide_1_1227_aa ATL8C7991_GENSCAN_predict	phd(HMM:1.2e-12)
16674	ed_peptide_1_171_aa ATL8C8742_GENSCAN_predict	phd(HMM:0.073)
16675	ed_peptide_1_363_aa ATL8C9130_GENSCAN_predict	phd(HMM:0.0028)
16676	ed_peptide_1_342_aa ATL8C9148_GENSCAN_predict	phd(HMM:3.2e-14)
16677	ed_peptide_1_137_aa ATL8C9330_GENSCAN_predict	phd(HMM:0.0083)
16678	ed_peptide_1_282_aa ATL8C9983_GENSCAN_predict	phd(HMM:0.93)
16679	ed_peptide_1_682_aa ATL8S27812_GENSCAN_predi	phd(HMM:1.6e-11)
16680	cted_peptide_1_130_aa ATL8C22990_GENSCAN_predi	phd(HMM:0.0052),zf-
16681	cted_peptide_1_581_aa ATL8C30770_GENSCAN_predi	c3hc4(HMM:2.3e-12)
16682	cted_peptide_1_289_aa ATL8C41980_GENSCAN_predi	phd(HMM:0.058),zf-
		c3hc4(HMM:1.4e-10)
		phd(HMM:0.0056),zf-

16683	cted_peptide_2_401_aa ATL8C49765_GENSCAN_predi	c3hc4(HMM:1.7e-09) phd(HMM:0.0033),zf-
16684	cted_peptide_1_485_aa ATL8C31616_GENSCAN_predi	c3hc4(HMM:6.1e-10) phd(HMM:0.038),zz(HMM:6.3e-
16685	cted_peptide_1_834_aa ATL8C12297_GENSCAN_predi	11) response_reg(HMM:2.8e-05)
16686	cted_peptide_1_121_aa ATL8C12931_GENSCAN_predi	response_reg(HMM:3.2e-29)
16687	cted_peptide_1_251_aa ATL8C14938_GENSCAN_predi	response_reg(HMM:6.6e-30)
16688	cted_peptide_1_216_aa ATL8C16841_GENSCAN_predi	response_reg(HMM:0.00092)
16689	cted_peptide_1_91_aa ATL8C21718_GENSCAN_predi	response_reg(HMM:5.3e-33)
16690	cted_peptide_1_343_aa ATL8C28348_GENSCAN_predi	response_reg(HMM:2e-14)
16691	cted_peptide_1_122_aa ATL8C28614_GENSCAN_predi	response_reg(HMM:9.3e-16)
16692	cted_peptide_1_122_aa ATL8C2869_GENSCAN_predict	response_reg(HMM:9.6e-10)
16693	ed_peptide_1_826_aa ATL8C28832_GENSCAN_predi	response_reg(HMM:0.013)
16694	cted_peptide_1_166_aa ATL8C31376_GENSCAN_predi	response_reg(HMM:2.7e-05)
16695	cted_peptide_1_114_aa ATL8C33102_GENSCAN_predi	response_reg(HMM:7.8e-05)
16696	cted_peptide_1_51_aa ATL8C36529_GENSCAN_predi	response_reg(HMM:4e-05)
16697	cted_peptide_1_167_aa ATL8C37281_GENSCAN_predi	response_reg(HMM:5.5e-22)
16698	cted_peptide_1_146_aa ATL8C38014_GENSCAN_predi	response_reg(HMM:5.8)
16699	cted_peptide_1_165_aa ATL8C38180_GENSCAN_predi	response_reg(HMM:0.0067)
16700	cted_peptide_1_99_aa ATL8C4163_GENSCAN_predict	response_reg(HMM:3.2e-15)
16701	ed_peptide_1_786_aa ATL8C43973_GENSCAN_predi	response_reg(HMM:4.9e-09)
16702	cted_peptide_1_208_aa ATL8C49757_GENSCAN_predi	response_reg(HMM:2e-06)
16703	cted_peptide_1_79_aa ATL8C50073_GENSCAN_predi	response_reg(HMM:6e-28)
16704	cted_peptide_1_206_aa ATL8C9299_GENSCAN_predict	response_reg(HMM:0.18)
16705	ed_peptide_1_652_aa ATL8C953_GENSCAN_predicte	response_reg(HMM:6.4e-06)
16706	d_peptide_1_130_aa ATL8S10023_GENSCAN_predi	response_reg(HMM:5.1e-10)
16707	cted_peptide_1_76_aa ATL8S11061_GENSCAN_predi	response_reg(HMM:0.61)
16708	cted_peptide_1_83_aa ATL8S11942_GENSCAN_predi	response_reg(HMM:2.9e-14)
16709	cted_peptide_1_141_aa ATL8S12232_GENSCAN_predi	response_reg(HMM:2.9e-06)

	cted_peptide_2_39_aa	
16710	ATL8S13178_GENSCAN_predi	response_reg(HMM:0.0012)
	cted_peptide_1_69_aa	
16711	ATL8S13728_GENSCAN_predi	response_reg(HMM:4.9e-10)
	cted_peptide_1_151_aa	
16712	ATL8S14669_GENSCAN_predi	response_reg(HMM:7.8)
	cted_peptide_1_62_aa	
16713	ATL8S15098_GENSCAN_predi	response_reg(HMM:0.00069)
	cted_peptide_1_135_aa	
16714	ATL8S15679_GENSCAN_predi	response_reg(HMM:0.0065)
	cted_peptide_1_89_aa	
16715	ATL8S16533_GENSCAN_predi	response_reg(HMM:0.17)
	cted_peptide_1_111_aa	
16716	ATL8S17723_GENSCAN_predi	response_reg(HMM:9.6e-09)
	cted_peptide_1_151_aa	
16717	ATL8S18376_GENSCAN_predi	response_reg(HMM:2.4e-17)
	cted_peptide_1_129_aa	
16718	ATL8S19118_GENSCAN_predi	response_reg(HMM:1.3e-05)
	cted_peptide_1_43_aa	
16719	ATL8S19602_GENSCAN_predi	response_reg(HMM:1.1e-06)
	cted_peptide_1_138_aa	
16720	ATL8S19795_GENSCAN_predi	response_reg(HMM:4.6e-05)
	cted_peptide_1_123_aa	
16721	ATL8S21409_GENSCAN_predi	response_reg(HMM:0.0014)
	cted_peptide_1_81_aa	
16722	ATL8S22623_GENSCAN_predi	response_reg(HMM:0.61)
	cted_peptide_1_150_aa	
16723	ATL8S24227_GENSCAN_predi	response_reg(HMM:3.6e-20)
	cted_peptide_1_131_aa	
16724	ATL8S2615_GENSCAN_predict	response_reg(HMM:5e-12)
	ed_peptide_1_127_aa	
16725	ATL8S26604_GENSCAN_predi	response_reg(HMM:0.00025)
	cted_peptide_1_73_aa	
16726	ATL8S28112_GENSCAN_predi	response_reg(HMM:0.0031)
	cted_peptide_1_136_aa	
16727	ATL8S28344_GENSCAN_predi	response_reg(HMM:8.4e-19)
	cted_peptide_1_175_aa	
16728	ATL8S28362_GENSCAN_predi	response_reg(HMM:0.0015)
	cted_peptide_1_93_aa	
16729	ATL8S29177_GENSCAN_predi	response_reg(HMM:0.22)
	cted_peptide_1_110_aa	
16730	ATL8S30314_GENSCAN_predi	response_reg(HMM:4.3e-10)
	cted_peptide_1_87_aa	
16731	ATL8S30371_GENSCAN_predi	response_reg(HMM:0.047)
	cted_peptide_1_161_aa	
16732	ATL8S3240_GENSCAN_predict	response_reg(HMM:2)
	ed_peptide_1_54_aa	
16733	ATL8S3823_GENSCAN_predict	response_reg(HMM:2e-24)
	ed_peptide_1_119_aa	
16734	ATL8S6445_GENSCAN_predict	response_reg(HMM:0.0054)
	ed_peptide_1_152_aa	
16735	ATL8S6606_GENSCAN_predict	response_reg(HMM:1.2e-42)
	ed_peptide_1_151_aa	
16736	ATL8S7299_GENSCAN_predict	response_reg(HMM:0.00088)



	ed_peptide_1_164_aa	
16737	ATL8C10416_GENSCAN_predi	sbpb(HMM:7.7e-48)
	cted_peptide_1_332_aa	
16738	ATL8C13139_GENSCAN_predi	sbpb(HMM:1.3e-43)
	cted_peptide_1_129_aa	
16739	ATL8C21946_GENSCAN_predi	sbpb(HMM:5.2e-12)
	cted_peptide_1_98_aa	
16740	ATL8C24543_GENSCAN_predi	sbpb(HMM:2e-43)
	cted_peptide_1_135_aa	
16741	ATL8C25276_GENSCAN_predi	sbpb(HMM:7.2e-26)
	cted_peptide_1_230_aa	
16742	ATL8C31714_GENSCAN_predi	sbpb(HMM:5.9e-42)
	cted_peptide_1_1004_aa	
16743	ATL8C32035_GENSCAN_predi	sbpb(HMM:5.6e-08)
	cted_peptide_1_160_aa	
16744	ATL8C32593_GENSCAN_predi	sbpb(HMM:2.7e-41)
	cted_peptide_1_218_aa	
16745	ATL8C36125_GENSCAN_predi	sbpb(HMM:5.6e-44)
	cted_peptide_1_174_aa	
16746	ATL8C36984_GENSCAN_predi	sbpb(HMM:3.6e-40)
	cted_peptide_1_192_aa	
16747	ATL8C433_GENSCAN_predicte	sbpb(HMM:8.5e-41)
	d_peptide_1_355_aa	
16748	ATL8C44593_GENSCAN_predi	sbpb(HMM:1.2e-46)
	cted_peptide_1_678_aa	
16749	ATL8S27934_GENSCAN_predi	sbpb(HMM:3.1e-43)
	cted_peptide_1_106_aa	
16750	ATL8C10233_GENSCAN_predi	scr(HMM:1.1e-155)
	cted_peptide_1_547_aa	
16751	ATL8C10689_GENSCAN_predi	scr(HMM:1.1e-206)
	cted_peptide_1_761_aa	
16752	ATL8C15492_GENSCAN_predi	scr(HMM:1.4e-72)
	cted_peptide_1_372_aa	
16753	ATL8C16022_GENSCAN_predi	scr(HMM:7.3e-12)
	cted_peptide_1_200_aa	
16754	ATL8C17018_GENSCAN_predi	scr(HMM:3e-79)
	cted_peptide_2_311_aa	
16755	ATL8C19802_GENSCAN_predi	scr(HMM:1.6e-10)
	cted_peptide_1_414_aa	
16756	ATL8C21156_GENSCAN_predi	scr(HMM:2.9e-190)
	cted_peptide_1_437_aa	
16757	ATL8C22457_GENSCAN_predi	scr(HMM:3e-05)
	cted_peptide_2_107_aa	
16758	ATL8C22796_GENSCAN_predi	scr(HMM:2.1e-11)
	cted_peptide_1_112_aa	
16759	ATL8C23752_GENSCAN_predi	scr(HMM:9.5e-190)
	cted_peptide_1_515_aa	
16760	ATL8C23820_GENSCAN_predi	scr(HMM:7.1e-11)
	cted_peptide_1_258_aa	
16761	ATL8C2464_GENSCAN_predict	scr(HMM:1.3e-144)
	ed_peptide_1_491_aa	
16762	ATL8C24710_GENSCAN_predi	scr(HMM:5.4e-46)
	cted_peptide_1_272_aa	
16763	ATL8C266_GENSCAN_predicte	scr(HMM:3.8e-12)

16764	d_peptide_1_283_aa ATL8C28489_GENSCAN_predi	scr(HMM:0.25)
16765	cted_peptide_1_130_aa ATL8C30855_GENSCAN_predi	scr(HMM:6.3e-50)
16766	cted_peptide_1_531_aa ATL8C31122_GENSCAN_predi	scr(HMM:0.079)
16767	cted_peptide_1_249_aa ATL8C31150_GENSCAN_predi	scr(HMM:3.5e-182)
16768	cted_peptide_1_471_aa ATL8C31987_GENSCAN_predi	scr(HMM:8.2e-88)
16769	cted_peptide_2_407_aa ATL8C32167_GENSCAN_predi	scr(HMM:5.4e-28)
16770	cted_peptide_1_174_aa ATL8C32692_GENSCAN_predi	scr(HMM:5.8e-185)
16771	cted_peptide_1_532_aa ATL8C33084_GENSCAN_predi	scr(HMM:1.5e-188)
16772	cted_peptide_1_559_aa ATL8C35509_GENSCAN_predi	scr(HMM:4.4e-21)
16773	cted_peptide_1_118_aa ATL8C35699_GENSCAN_predi	scr(HMM:2e-116)
16774	cted_peptide_2_542_aa ATL8C35772_GENSCAN_predi	scr(HMM:4.6e-34)
16775	cted_peptide_1_463_aa ATL8C36571_GENSCAN_predi	scr(HMM:4.2e-136)
16776	cted_peptide_1_610_aa ATL8C37150_GENSCAN_predi	scr(HMM:1e-17)
16777	cted_peptide_1_214_aa ATL8C37236_GENSCAN_predi	scr(HMM:9.4e-120)
16778	cted_peptide_2_405_aa ATL8C40435_GENSCAN_predi	scr(HMM:0.095)
16779	cted_peptide_1_144_aa ATL8C42790_GENSCAN_predi	scr(HMM:6.2e-24)
16780	cted_peptide_1_639_aa ATL8C43894_GENSCAN_predi	scr(HMM:0.00037)
16781	cted_peptide_1_348_aa ATL8C47969_GENSCAN_predi	scr(HMM:8.6e-98)
16782	cted_peptide_1_516_aa ATL8C9235_GENSCAN_predict	scr(HMM:2.1e-10)
16783	ed_peptide_1_305_aa ATL8C9797_GENSCAN_predict	scr(HMM:1.1e-27)
16784	ed_peptide_1_410_aa ATL8S22458_GENSCAN_predi	scr(HMM:5.4e-17)
16785	cted_peptide_1_113_aa ATL8S30461_GENSCAN_predi	scr(HMM:1.7e-32)
16786	cted_peptide_1_144_aa ATL8S6425_GENSCAN_predict	scr(HMM:2.1e-12)
16787	ed_peptide_1_145_aa ATL8S7445_GENSCAN_predict	scr(HMM:2.7e-16)
16788	ed_peptide_1_69_aa ATL8C12755_GENSCAN_predi	set(HMM:5.2e-51)
16789	cted_peptide_1_666_aa ATL8C14965_GENSCAN_predi	set(HMM:1.6e-26)
16790	cted_peptide_1_139_aa ATL8C15132_GENSCAN_predi	set(HMM:3.3e-31)

16791	cted_peptide_1_344_aa ATL8C19049_GENSCAN_predi	set(HMM:8.9e-37)
16792	cted_peptide_1_193_aa ATL8C21583_GENSCAN_predi	set(HMM:0.00037)
16793	cted_peptide_1_91_aa ATL8C23293_GENSCAN_predi	set(HMM:6.5e-28)
16794	cted_peptide_1_329_aa ATL8C23853_GENSCAN_predi	set(HMM:0.0031)
16795	cted_peptide_1_616_aa ATL8C25105_GENSCAN_predi	set(HMM:1.6)
16796	cted_peptide_1_545_aa ATL8C25653_GENSCAN_predi	set(HMM:5e-40)
16797	cted_peptide_1_399_aa ATL8C28433_GENSCAN_predi	set(HMM:1.2e-21)
16798	cted_peptide_1_194_aa ATL8C2850_GENSCAN_predict	set(HMM:0.02)
16799	ed_peptide_1_124_aa ATL8C36566_GENSCAN_predi	set(HMM:2e-23)
16800	cted_peptide_1_351_aa ATL8C3737_GENSCAN_predict	set(HMM:1.1e-05)
16801	ed_peptide_1_295_aa ATL8C3927_GENSCAN_predict	set(HMM:2.8e-11)
16802	ed_peptide_1_72_aa ATL8C42558_GENSCAN_predi	set(HMM:2.7e-06)
16803	cted_peptide_2_66_aa ATL8C44560_GENSCAN_predi	set(HMM:4.3e-18)
16804	cted_peptide_1_342_aa ATL8C46085_GENSCAN_predi	set(HMM:0.42)
16805	cted_peptide_1_294_aa ATL8C46109_GENSCAN_predi	set(HMM:1.2e-20)
16806	cted_peptide_1_280_aa ATL8C47459_GENSCAN_predi	set(HMM:3.4e-60)
16807	cted_peptide_1_481_aa ATL8C48917_GENSCAN_predi	set(HMM:1.7e-35)
16808	cted_peptide_1_261_aa ATL8C535_GENSCAN_predicte	set(HMM:2.2e-07)
16809	d_peptide_1_105_aa ATL8C7924_GENSCAN_predict	set(HMM:1.2e-40)
16810	ed_peptide_1_361_aa ATL8C9198_GENSCAN_predict	set(HMM:9.1e-09)
16811	ed_peptide_1_269_aa ATL8S20551_GENSCAN_predi	set(HMM:2.2e-09)
16812	cted_peptide_1_179_aa ATL8S30646_GENSCAN_predi	set(HMM:3.7e-35)
16813	cted_peptide_1_136_aa ATL8C10856_GENSCAN_predi	snf2_n(HMM:0.0054)
16814	cted_peptide_1_219_aa ATL8C12277_GENSCAN_predi	snf2_n(HMM:0.00017)
16815	cted_peptide_1_194_aa ATL8C12867_GENSCAN_predi	snf2_n(HMM:3.4e-14)
16816	cted_peptide_1_70_aa ATL8C1288_GENSCAN_predict	snf2_n(HMM:9.9e-07)
16817	ed_peptide_2_574_aa ATL8C13620_GENSCAN_predi	snf2_n(HMM:0.0015)

16818	cted_peptide_1_1352_aa ATL8C14228_GENSCAN_predi	snf2_n(HMM:7.1e-20)
16819	cted_peptide_1_1169_aa ATL8C17938_GENSCAN_predi	snf2_n(HMM:2.3e-10)
16820	cted_peptide_1_449_aa ATL8C20361_GENSCAN_predi	snf2_n(HMM:0.043)
16821	cted_peptide_1_338_aa ATL8C221_GENSCAN_predicte	snf2_n(HMM:1e-20)
16822	d_peptide_1_156_aa ATL8C22995_GENSCAN_predi	snf2_n(HMM:1.5e-12)
16823	cted_peptide_1_267_aa ATL8C23972_GENSCAN_predi	snf2_n(HMM:1.5e-17)
16824	cted_peptide_1_750_aa ATL8C2422_GENSCAN_predict	snf2_n(HMM:2.1e-80)
16825	ed_peptide_1_794_aa ATL8C24734_GENSCAN_predi	snf2_n(HMM:4.8e-09)
16826	cted_peptide_2_638_aa ATL8C2518_GENSCAN_predict	snf2_n(HMM:7.7e-14)
16827	ed_peptide_1_885_aa ATL8C26872_GENSCAN_predi	snf2_n(HMM:2.2e-15)
16828	cted_peptide_1_236_aa ATL8C27611_GENSCAN_predi	snf2_n(HMM:8e-14)
16829	cted_peptide_1_174_aa ATL8C28572_GENSCAN_predi	snf2_n(HMM:1.3e-10)
16830	cted_peptide_1_45_aa ATL8C31135_GENSCAN_predi	snf2_n(HMM:1.7e-82)
16831	cted_peptide_2_1000_aa ATL8C31482_GENSCAN_predi	snf2_n(HMM:9.2e-09)
16832	cted_peptide_1_70_aa ATL8C32395_GENSCAN_predi	snf2_n(HMM:1.4e-121)
16833	cted_peptide_1_701_aa ATL8C32894_GENSCAN_predi	snf2_n(HMM:2.3e-31)
16834	cted_peptide_1_273_aa ATL8C33273_GENSCAN_predi	snf2_n(HMM:1.1)
16835	cted_peptide_1_256_aa ATL8C34588_GENSCAN_predi	snf2_n(HMM:6.5e-97)
16836	cted_peptide_1_1135_aa ATL8C35458_GENSCAN_predi	snf2_n(HMM:0.0085)
16837	cted_peptide_1_135_aa ATL8C36087_GENSCAN_predi	snf2_n(HMM:8.6e-28)
16838	cted_peptide_1_473_aa ATL8C36155_GENSCAN_predi	snf2_n(HMM:1.5e-08)
16839	cted_peptide_2_494_aa ATL8C37818_GENSCAN_predi	snf2_n(HMM:4.2e-06)
16840	cted_peptide_1_525_aa ATL8C41287_GENSCAN_predi	snf2_n(HMM:2.3e-15)
16841	cted_peptide_1_201_aa ATL8C42308_GENSCAN_predi	snf2_n(HMM:2.6e-18)
16842	cted_peptide_1_124_aa ATL8C42310_GENSCAN_predi	snf2_n(HMM:2.4e-08)
16843	cted_peptide_1_93_aa ATL8C43948_GENSCAN_predi	snf2_n(HMM:3.7e-18)
16844	cted_peptide_1_259_aa ATL8C4449_GENSCAN_predict	snf2_n(HMM:1.1e-13)

16845	ed_peptide_2_348_aa ATL8C46220_GENSCAN_predi	snf2_n(HMM:9.3e-05)
16846	cted_peptide_1_308_aa ATL8C47261_GENSCAN_predi	snf2_n(HMM:1.1e-05)
16847	cted_peptide_1_201_aa ATL8C47714_GENSCAN_predi	snf2_n(HMM:8.9e-13)
16848	cted_peptide_1_248_aa ATL8C47876_GENSCAN_predi	snf2_n(HMM:3.9e-12)
16849	cted_peptide_1_474_aa ATL8C7651_GENSCAN_predict	snf2_n(HMM:5.7e-05)
16850	ed_peptide_1_87_aa ATL8C8919_GENSCAN_predict	snf2_n(HMM:5.4e-10)
16851	ed_peptide_1_282_aa ATL8C8921_GENSCAN_predict	snf2_n(HMM:1.1e-21)
16852	ed_peptide_1_271_aa ATL8C9764_GENSCAN_predict	snf2_n(HMM:0.03)
16853	ed_peptide_1_338_aa ATL8C99_GENSCAN_predicted	snf2_n(HMM:7.1e-09)
16854	_peptide_1_163_aa ATL8S14501_GENSCAN_predi	snf2_n(HMM:0.0032)
16855	cted_peptide_1_23_aa ATL8S17492_GENSCAN_predi	snf2_n(HMM:5e-19)
16856	cted_peptide_1_124_aa ATL8S19389_GENSCAN_predi	snf2_n(HMM:1.4e-07)
16857	cted_peptide_1_106_aa ATL8S23578_GENSCAN_predi	snf2_n(HMM:0.001)
16858	cted_peptide_1_105_aa ATL8S8606_GENSCAN_predict	snf2_n(HMM:0.00028)
16859	ed_peptide_1_139_aa ATL8C10404_GENSCAN_predi	snf2_n(HMM:1.1e-22),zf-
16860	cted_peptide_2_400_aa ATL8C3225_GENSCAN_predict	c3hc4(HMM:3.1e-10) snf2_n(HMM:1.1e-63),zf-
16861	ed_peptide_1_622_aa ATL8C5320_GENSCAN_predict	c3hc4(HMM:1.7e-06) snf2_n(HMM:5.3e-83),zf-
16862	ed_peptide_2_881_aa ATL8C1028_GENSCAN_predict	c3hc4(HMM:1.1e-08) srf-tf(HMM:0.017)
16863	ed_peptide_1_340_aa ATL8C13144_GENSCAN_predi	srf-tf(HMM:6.7e-16)
16864	cted_peptide_1_254_aa ATL8C1384_GENSCAN_predict	srf-tf(HMM:0.075)
16865	ed_peptide_1_284_aa ATL8C15039_GENSCAN_predi	srf-tf(HMM:7.9e-15)
16866	cted_peptide_1_207_aa ATL8C15194_GENSCAN_predi	srf-tf(HMM:2.4e-07)
16867	cted_peptide_1_256_aa ATL8C17047_GENSCAN_predi	srf-tf(HMM:3e-07)
16868	cted_peptide_1_275_aa ATL8C17616_GENSCAN_predi	srf-tf(HMM:0.27)
16869	cted_peptide_1_155_aa ATL8C17616_GENSCAN_predi	srf-tf(HMM:0.029)
16870	cted_peptide_3_96_aa ATL8C18528_GENSCAN_predi	srf-tf(HMM:5e-11)
16871	cted_peptide_1_211_aa ATL8C18728_GENSCAN_predi	srf-tf(HMM:1.3e-09)

16872	cted_peptide_1_220_aa ATL8C23164_GENSCAN_predi	srf-tf(HMM:7.1e-25)
16873	cted_peptide_1_132_aa ATL8C24315_GENSCAN_predi	srf-tf(HMM:2e-08)
16874	cted_peptide_1_272_aa ATL8C30189_GENSCAN_predi	srf-tf(HMM:6.6e-22)
16875	cted_peptide_1_143_aa ATL8C30300_GENSCAN_predi	srf-tf(HMM:4.4e-26)
16876	cted_peptide_1_95_aa ATL8C31064_GENSCAN_predi	srf-tf(HMM:4.3e-13)
16877	cted_peptide_1_327_aa ATL8C31809_GENSCAN_predi	srf-tf(HMM:9.6)
16878	cted_peptide_1_35_aa ATL8C32220_GENSCAN_predi	srf-tf(HMM:0.027)
16879	cted_peptide_1_341_aa ATL8C34008_GENSCAN_predi	srf-tf(HMM:0.036)
16880	cted_peptide_1_164_aa ATL8C35638_GENSCAN_predi	srf-tf(HMM:5.4e-19)
16881	cted_peptide_2_427_aa ATL8C38401_GENSCAN_predi	srf-tf(HMM:1.7e-36)
16882	cted_peptide_1_61_aa ATL8C38623_GENSCAN_predi	srf-tf(HMM:4.5e-08)
16883	cted_peptide_1_126_aa ATL8C38642_GENSCAN_predi	srf-tf(HMM:9.1e-18)
16884	cted_peptide_1_83_aa ATL8C39183_GENSCAN_predi	srf-tf(HMM:0.013)
16885	cted_peptide_1_386_aa ATL8C40267_GENSCAN_predi	srf-tf(HMM:4.3e-13)
16886	cted_peptide_1_311_aa ATL8C40815_GENSCAN_predi	srf-tf(HMM:9.3e-37)
16887	cted_peptide_1_64_aa ATL8C41429_GENSCAN_predi	srf-tf(HMM:0.00025)
16888	cted_peptide_1_175_aa ATL8C41998_GENSCAN_predi	srf-tf(HMM:8.9e-06)
16889	cted_peptide_1_530_aa ATL8C42193_GENSCAN_predi	srf-tf(HMM:3.8e-25)
16890	cted_peptide_1_217_aa ATL8C45457_GENSCAN_predi	srf-tf(HMM:3.9e-10)
16891	cted_peptide_1_235_aa ATL8C46709_GENSCAN_predi	srf-tf(HMM:8e-12)
16892	cted_peptide_1_90_aa ATL8C4708_GENSCAN_predict	srf-tf(HMM:1.6e-14)
16893	ed_peptide_1_132_aa ATL8C47812_GENSCAN_predi	srf-tf(HMM:1.3e-36)
16894	cted_peptide_1_78_aa ATL8C48816_GENSCAN_predi	srf-tf(HMM:4.3e-33)
16895	cted_peptide_1_117_aa ATL8C5388_GENSCAN_predict	srf-tf(HMM:6.6e-28)
16896	ed_peptide_1_62_aa ATL8C7116_GENSCAN_predict	srf-tf(HMM:4.8e-29)
16897	ed_peptide_1_60_aa ATL8C896_GENSCAN_predicte	srf-tf(HMM:0.029)
16898	d_peptide_1_345_aa ATL8C923_GENSCAN_predicte	srf-tf(HMM:0.08)

16899	d_peptide_2_250_aa ATL8C9422_GENSCAN_predict	srf-tf(HMM:0.065)
16900	ed_peptide_1_67_aa ATL8C9959_GENSCAN_predict	srf-tf(HMM:8.6e-33)
16901	ed_peptide_1_62_aa ATL8S12434_GENSCAN_predi	srf-tf(HMM:0.0011)
16902	cted_peptide_1_104_aa ATL8S173_GENSCAN_predicte	srf-tf(HMM:1.4e-16)
16903	d_peptide_1_42_aa ATL8S4917_GENSCAN_predict	srf-tf(HMM:1.3e-38)
16904	ed_peptide_1_62_aa ATL8S7885_GENSCAN_predict	srf-tf(HMM:4e-14)
16905	ed_peptide_1_110_aa ATL8S9476_GENSCAN_predict	srf-tf(HMM:1.4e-36)
16906	ed_peptide_1_81_aa ATL8C26602_GENSCAN_predi	tbp(HMM:1.3e-37)
16907	cted_peptide_1_71_aa ATL8C12435_GENSCAN_predi	teo(HMM:3.7e-07)
16908	cted_peptide_1_70_aa ATL8C13601_GENSCAN_predi	teo(HMM:1.2e-14)
16909	cted_peptide_1_120_aa ATL8C20545_GENSCAN_predi	teo(HMM:2.9e-30)
16910	cted_peptide_1_184_aa ATL8C20594_GENSCAN_predi	teo(HMM:7.4e-07)
16911	cted_peptide_1_243_aa ATL8C22565_GENSCAN_predi	teo(HMM:7.2e-24)
16912	cted_peptide_1_138_aa ATL8C22797_GENSCAN_predi	teo(HMM:1.6e-27)
16913	cted_peptide_1_188_aa ATL8C26128_GENSCAN_predi	teo(HMM:1.7e-38)
16914	cted_peptide_1_286_aa ATL8C26147_GENSCAN_predi	teo(HMM:1e-30)
16915	cted_peptide_1_157_aa ATL8C26149_GENSCAN_predi	teo(HMM:4.8e-30)
16916	cted_peptide_1_141_aa ATL8C27592_GENSCAN_predi	teo(HMM:5.9e-37)
16917	cted_peptide_4_239_aa ATL8C32855_GENSCAN_predi	teo(HMM:2e-40)
16918	cted_peptide_1_408_aa ATL8C3391_GENSCAN_predict	teo(HMM:0.0048)
16919	ed_peptide_1_88_aa ATL8C9086_GENSCAN_predict	teo(HMM:1.1e-42)
16920	ed_peptide_1_174_aa ATL8S10522_GENSCAN_predi	teo(HMM:0.00032)
16921	cted_peptide_1_49_aa ATL8S10659_GENSCAN_predi	teo(HMM:4.3e-34)
16922	cted_peptide_1_120_aa ATL8S487_GENSCAN_predicte	teo(HMM:8.3e-11)
16923	d_peptide_1_46_aa ATL8C32480_GENSCAN_predi	tfiis(HMM:1.9e-14)
16924	cted_peptide_1_69_aa ATL8C471_GENSCAN_predicte	tfiis(HMM:1.4e-20)
16925	d_peptide_1_358_aa ATL8C17305_GENSCAN_predi	transcript_fac2(HMM:2.5e-14)

16926	cted_peptide_1_91_aa ATL8C1878_GENSCAN_predict	transcript_fac2(HMM:3.7e-19)
16927	ed_peptide_1_267_aa ATL8C20301_GENSCAN_predi	transcript_fac2(HMM:1.7e-08)
16928	cted_peptide_2_173_aa ATL8C23301_GENSCAN_predi	transcript_fac2(HMM:1.9e-13)
16929	cted_peptide_1_132_aa ATL8C28488_GENSCAN_predi	transcript_fac2(HMM:3.2e-09)
16930	cted_peptide_1_194_aa ATL8C3183_GENSCAN_predict	transcript_fac2(HMM:1.8e-08)
16931	ed_peptide_1_404_aa ATL8C5701_GENSCAN_predict	transcript_fac2(HMM:0.00023)
16932	ed_peptide_1_132_aa ATL8C6913_GENSCAN_predict	transcript_fac2(HMM:0.0011)
16933	ed_peptide_1_86_aa ATL8S1099_GENSCAN_predict	transcript_fac2(HMM:5.1e-08)
16934	ed_peptide_1_149_aa ATL8S6837_GENSCAN_predict	transcript_fac2(HMM:0.0062)
16935	ed_peptide_1_82_aa ATL8C11040_GENSCAN_predi	trihelix(HMM:0.00073)
16936	cted_peptide_1_276_aa ATL8C11723_GENSCAN_predi	trihelix(HMM:0.017)
16937	cted_peptide_1_224_aa ATL8C18126_GENSCAN_predi	trihelix(HMM:4.4e-05)
16938	cted_peptide_1_155_aa ATL8C20354_GENSCAN_predi	trihelix(HMM:0.00068)
16939	cted_peptide_1_85_aa ATL8C20482_GENSCAN_predi	trihelix(HMM:1.9e-41)
16940	cted_peptide_1_265_aa ATL8C21021_GENSCAN_predi	trihelix(HMM:0.00031)
16941	cted_peptide_1_176_aa ATL8C24673_GENSCAN_predi	trihelix(HMM:0.18)
16942	cted_peptide_1_381_aa ATL8C33701_GENSCAN_predi	trihelix(HMM:1.7e-108)
16943	cted_peptide_1_637_aa ATL8C37686_GENSCAN_predi	trihelix(HMM:5.8e-05)
16944	cted_peptide_1_177_aa ATL8C38223_GENSCAN_predi	trihelix(HMM:1.2e-05)
16945	cted_peptide_1_137_aa ATL8C48333_GENSCAN_predi	trihelix(HMM:3.6e-37)
16946	cted_peptide_2_342_aa ATL8C49399_GENSCAN_predi	trihelix(HMM:1.4e-61)
16947	cted_peptide_1_173_aa ATL8C5784_GENSCAN_predict	trihelix(HMM:0.0055)
16948	ed_peptide_1_340_aa ATL8S623_GENSCAN_predicte	trihelix(HMM:3.3e-05)
16949	d_peptide_1_102_aa ATL8C10297_GENSCAN_predi	wrky(HMM:0.077)
16950	cted_peptide_4_569_aa ATL8C10305_GENSCAN_predi	wrky(HMM:0.51)
16951	cted_peptide_1_463_aa ATL8C11260_GENSCAN_predi	wrky(HMM:0.00067)
16952	cted_peptide_1_121_aa ATL8C11690_GENSCAN_predi	wrky(HMM:2.6e-43)



16953	cted_peptide_1_391_aa ATL8C11900_GENSCAN_predi	wrky(HMM:0.82)
16954	cted_peptide_1_49_aa ATL8C1197_GENSCAN_predict	wrky(HMM:1.7e-05)
16955	ed_peptide_1_153_aa ATL8C12232_GENSCAN_predi	wrky(HMM:1.2e-05)
16956	cted_peptide_1_126_aa ATL8C15917_GENSCAN_predi	wrky(HMM:4.1e-12)
16957	cted_peptide_1_89_aa ATL8C15953_GENSCAN_predi	wrky(HMM:6.4e-92)
16958	cted_peptide_1_453_aa ATL8C1642_GENSCAN_predict	wrky(HMM:2.7e-85)
16959	ed_peptide_1_481_aa ATL8C16659_GENSCAN_predi	wrky(HMM:1.3e-83)
16960	cted_peptide_1_276_aa ATL8C16724_GENSCAN_predi	wrky(HMM:2.4e-39)
16961	cted_peptide_1_319_aa ATL8C17027_GENSCAN_predi	wrky(HMM:1.8e-40)
16962	cted_peptide_2_624_aa ATL8C18793_GENSCAN_predi	wrky(HMM:1.2e-05)
16963	cted_peptide_1_145_aa ATL8C21956_GENSCAN_predi	wrky(HMM:7.9e-17)
16964	cted_peptide_1_272_aa ATL8C25073_GENSCAN_predi	wrky(HMM:1.2e-90)
16965	cted_peptide_1_369_aa ATL8C2521_GENSCAN_predict	wrky(HMM:1.1e-08)
16966	ed_peptide_1_124_aa ATL8C26881_GENSCAN_predi	wrky(HMM:5.4e-09)
16967	cted_peptide_1_175_aa ATL8C27046_GENSCAN_predi	wrky(HMM:1.1e-05)
16968	cted_peptide_1_41_aa ATL8C28618_GENSCAN_predi	wrky(HMM:1.1e-06)
16969	cted_peptide_1_155_aa ATL8C29269_GENSCAN_predi	wrky(HMM:5.3e-91)
16970	cted_peptide_2_408_aa ATL8C29710_GENSCAN_predi	wrky(HMM:3e-39)
16971	cted_peptide_1_139_aa ATL8C30505_GENSCAN_predi	wrky(HMM:3.6e-40)
16972	cted_peptide_1_471_aa ATL8C32401_GENSCAN_predi	wrky(HMM:0.015)
16973	cted_peptide_1_144_aa ATL8C33505_GENSCAN_predi	wrky(HMM:1.1e-05)
16974	cted_peptide_1_141_aa ATL8C33535_GENSCAN_predi	wrky(HMM:6.4e-73)
16975	cted_peptide_1_621_aa ATL8C33869_GENSCAN_predi	wrky(HMM:7.4e-40)
16976	cted_peptide_1_298_aa ATL8C3446_GENSCAN_predict	wrky(HMM:2e-41)
16977	ed_peptide_1_184_aa ATL8C36801_GENSCAN_predi	wrky(HMM:4.7e-33)
16978	cted_peptide_1_267_aa ATL8C37236_GENSCAN_predi	wrky(HMM:5.6e-14)
16979	cted_peptide_1_161_aa ATL8C38114_GENSCAN_predi	wrky(HMM:0.93)

16980	cted_peptide_1_241_aa ATL8C38337_GENSCAN_predi	wrky(HMM:9.1e-45)
16981	cted_peptide_1_175_aa ATL8C38358_GENSCAN_predi	wrky(HMM:2.8e-42)
16982	cted_peptide_1_322_aa ATL8C39108_GENSCAN_predi	wrky(HMM:4.3e-14)
16983	cted_peptide_1_96_aa ATL8C39930_GENSCAN_predi	wrky(HMM:1.5e-41)
16984	cted_peptide_1_476_aa ATL8C40033_GENSCAN_predi	wrky(HMM:3.3e-17)
16985	cted_peptide_1_85_aa ATL8C40955_GENSCAN_predi	wrky(HMM:2.8)
16986	cted_peptide_1_282_aa ATL8C41585_GENSCAN_predi	wrky(HMM:8.7e-08)
16987	cted_peptide_1_151_aa ATL8C42590_GENSCAN_predi	wrky(HMM:3.9e-44)
16988	cted_peptide_1_425_aa ATL8C46981_GENSCAN_predi	wrky(HMM:1.2e-33)
16989	cted_peptide_1_756_aa ATL8C48015_GENSCAN_predi	wrky(HMM:6.5e-05)
16990	cted_peptide_1_350_aa ATL8C48530_GENSCAN_predi	wrky(HMM:7.3e-09)
16991	cted_peptide_1_268_aa ATL8C4973_GENSCAN_predict	wrky(HMM:3.8e-40)
16992	ed_peptide_1_427_aa ATL8C49825_GENSCAN_predi	wrky(HMM:4.9e-39)
16993	cted_peptide_1_203_aa ATL8C5309_GENSCAN_predict	wrky(HMM:2.7e-38)
16994	ed_peptide_1_567_aa ATL8C6059_GENSCAN_predict	wrky(HMM:4e-09)
16995	ed_peptide_1_133_aa ATL8C7056_GENSCAN_predict	wrky(HMM:9.2e-40)
16996	ed_peptide_1_275_aa ATL8C716_GENSCAN_predicte	wrky(HMM:0.66)
16997	d_peptide_1_177_aa ATL8C7257_GENSCAN_predict	wrky(HMM:8.1e-77)
16998	ed_peptide_1_537_aa ATL8C8208_GENSCAN_predict	wrky(HMM:1.1e-11)
16999	ed_peptide_2_181_aa ATL8C8940_GENSCAN_predict	wrky(HMM:1.5e-36)
17000	ed_peptide_1_184_aa ATL8S18208_GENSCAN_predi	wrky(HMM:2.6e-09)
17001	cted_peptide_1_88_aa ATL8S2126_GENSCAN_predict	wrky(HMM:0.005)
17002	ed_peptide_1_33_aa ATL8S29802_GENSCAN_predi	wrky(HMM:3.3e-06)
17003	cted_peptide_1_48_aa ATL8S3927_GENSCAN_predict	wrky(HMM:0.26)
17004	ed_peptide_1_94_aa ATL8S4643_GENSCAN_predict	wrky(HMM:0.022)
17005	ed_peptide_1_127_aa ATL8C11033_GENSCAN_predi	zf-b_box(HMM:0.004),zf-
17006	cted_peptide_1_296_aa ATL8C12163_GENSCAN_predi	constans(HMM:8.1e-13) zf-b_box(HMM:0.018),zf-

	cted_peptide_1_331_aa	constans(HMM:2.9e-14)
17007	ATL8C12716_GENSCAN_predi	zf-b_box(HMM:0.0055),zf-
	cted_peptide_1_373_aa	constans(HMM:3.6e-41)
17008	ATL8C13955_GENSCAN_predi	zf-b_box(HMM:0.005),zf-
	cted_peptide_1_307_aa	constans(HMM:6.7e-20)
17009	ATL8C15713_GENSCAN_predi	zf-b_box(HMM:0.0011),zf-
	cted_peptide_1_294_aa	constans(HMM:2e-41)
17010	ATL8C22234_GENSCAN_predi	zf-b_box(HMM:0.011),zf-
	cted_peptide_2_349_aa	constans(HMM:4e-16)
17011	ATL8C2519_GENSCAN_predict	zf-b_box(HMM:0.00095),zf-
	ed_peptide_1_238_aa	constans(HMM:5e-36)
17012	ATL8C25591_GENSCAN_predi	zf-b_box(HMM:0.017),zf-
	cted_peptide_1_61_aa	constans(HMM:9.5e-21)
17013	ATL8C26213_GENSCAN_predi	zf-b_box(HMM:0.0028),zf-
	cted_peptide_1_228_aa	constans(HMM:1.4e-42)
17014	ATL8C32532_GENSCAN_predi	zf-b_box(HMM:0.024),zf-
	cted_peptide_1_248_aa	constans(HMM:2.8e-42)
17015	ATL8C36559_GENSCAN_predi	zf-b_box(HMM:0.056),zf-
	cted_peptide_1_262_aa	constans(HMM:2.6e-38)
17016	ATL8C48004_GENSCAN_predi	zf-b_box(HMM:0.0016),zf-
	cted_peptide_2_362_aa	constans(HMM:1.1e-39)
17017	ATL8C4868_GENSCAN_predict	zf-b_box(HMM:0.00074),zf-
	ed_peptide_1_229_aa	constans(HMM:4.5e-44)
17018	ATL8C48781_GENSCAN_predi	zf-b_box(HMM:0.01),zf-
	cted_peptide_1_196_aa	constans(HMM:1.3e-20)
17019	ATL8C49688_GENSCAN_predi	zf-b_box(HMM:0.0016),zf-
	cted_peptide_1_98_aa	constans(HMM:4.7e-40)
17020	ATL8C49854_GENSCAN_predi	zf-b_box(HMM:0.004),zf-
	cted_peptide_1_163_aa	constans(HMM:1.8e-33)
17021	ATL8C1080_GENSCAN_predict	zf-c2h2(HMM:6.8e-10)
	ed_peptide_1_364_aa	
17022	ATL8C11541_GENSCAN_predi	zf-c2h2(HMM:3.5e-08)
	cted_peptide_1_273_aa	
17023	ATL8C12581_GENSCAN_predi	zf-c2h2(HMM:0.0069)
	cted_peptide_1_372_aa	
17024	ATL8C13659_GENSCAN_predi	zf-c2h2(HMM:1.2e-08)
	cted_peptide_1_150_aa	
17025	ATL8C13767_GENSCAN_predi	zf-c2h2(HMM:6.1e-09)
	cted_peptide_1_270_aa	
17026	ATL8C14473_GENSCAN_predi	zf-c2h2(HMM:4.5e-08)
	cted_peptide_1_246_aa	
17027	ATL8C15325_GENSCAN_predi	zf-c2h2(HMM:2.5e-08)
	cted_peptide_1_109_aa	
17028	ATL8C16405_GENSCAN_predi	zf-c2h2(HMM:3.4e-08)
	cted_peptide_1_865_aa	
17029	ATL8C16594_GENSCAN_predi	zf-c2h2(HMM:0.0026)
	cted_peptide_1_214_aa	
17030	ATL8C16622_GENSCAN_predi	zf-c2h2(HMM:1.8e-08)
	cted_peptide_1_194_aa	
17031	ATL8C1848_GENSCAN_predict	zf-c2h2(HMM:0.001)
	ed_peptide_1_143_aa	
17032	ATL8C1850_GENSCAN_predict	zf-c2h2(HMM:3.4e-05)
	ed_peptide_1_124_aa	
17033	ATL8C200_GENSCAN predi	zf-c2h2(HMM:2.9e-08)

	d_peptide_1_188_aa	
17034	ATL8C20286_GENSCAN_predi	zf-c2h2(HMM:0.0022)
	cted_peptide_1_199_aa	
17035	ATL8C21180_GENSCAN_predi	zf-c2h2(HMM:1.4e-14)
	cted_peptide_2_1184_aa	
17036	ATL8C21697_GENSCAN_predi	zf-c2h2(HMM:0.0072)
	cted_peptide_1_172_aa	
17037	ATL8C22038_GENSCAN_predi	zf-c2h2(HMM:0.0048)
	cted_peptide_1_213_aa	
17038	ATL8C23298_GENSCAN_predi	zf-c2h2(HMM:1.4e-09)
	cted_peptide_1_145_aa	
17039	ATL8C24089_GENSCAN_predi	zf-c2h2(HMM:0.0014)
	cted_peptide_1_132_aa	
17040	ATL8C25808_GENSCAN_predi	zf-c2h2(HMM:9.1e-17)
	cted_peptide_1_302_aa	
17041	ATL8C27376_GENSCAN_predi	zf-c2h2(HMM:1.9e-08)
	cted_peptide_1_136_aa	
17042	ATL8C27379_GENSCAN_predi	zf-c2h2(HMM:6.8e-10)
	cted_peptide_1_285_aa	
17043	ATL8C27555_GENSCAN_predi	zf-c2h2(HMM:0.012)
	cted_peptide_1_222_aa	
17044	ATL8C29080_GENSCAN_predi	zf-c2h2(HMM:2.7e-08)
	cted_peptide_1_137_aa	
17045	ATL8C29385_GENSCAN_predi	zf-c2h2(HMM:6.1e-09)
	cted_peptide_1_143_aa	
17046	ATL8C30751_GENSCAN_predi	zf-c2h2(HMM:1.2e-09)
	cted_peptide_1_184_aa	
17047	ATL8C31709_GENSCAN_predi	zf-c2h2(HMM:1.2e-08)
	cted_peptide_1_191_aa	
17048	ATL8C31710_GENSCAN_predi	zf-c2h2(HMM:1.2e-08)
	cted_peptide_1_154_aa	
17049	ATL8C31711_GENSCAN_predi	zf-c2h2(HMM:2.1e-07)
	cted_peptide_1_134_aa	
17050	ATL8C31712_GENSCAN_predi	zf-c2h2(HMM:4e-08)
	cted_peptide_1_134_aa	
17051	ATL8C31713_GENSCAN_predi	zf-c2h2(HMM:0.0012)
	cted_peptide_1_153_aa	
17052	ATL8C31728_GENSCAN_predi	zf-c2h2(HMM:3.4e-06)
	cted_peptide_1_449_aa	
17053	ATL8C35287_GENSCAN_predi	zf-c2h2(HMM:0.0055)
	cted_peptide_1_264_aa	
17054	ATL8C35376_GENSCAN_predi	zf-c2h2(HMM:0.026)
	cted_peptide_1_210_aa	
17055	ATL8C36830_GENSCAN_predi	zf-c2h2(HMM:3.2e-08)
	cted_peptide_1_192_aa	
17056	ATL8C36913_GENSCAN_predi	zf-c2h2(HMM:0.019)
	cted_peptide_1_235_aa	
17057	ATL8C3750_GENSCAN_predict	zf-c2h2(HMM:0.079)
	ed_peptide_1_101_aa	
17058	ATL8C38084_GENSCAN_predi	zf-c2h2(HMM:0.0026)
	cted_peptide_1_186_aa	
17059	ATL8C38357_GENSCAN_predi	zf-c2h2(HMM:0.024)
	cted_peptide_1_130_aa	
17060	ATL8C39254_GENSCAN_predi	zf-c2h2(HMM:6.1e-07)

17061	cted_peptide_1_139_aa ATL8C40544_GENSCAN_predi	zf-c2h2(HMM:0.0011)
17062	cted_peptide_1_303_aa ATL8C41214_GENSCAN_predi	zf-c2h2(HMM:0.048)
17063	cted_peptide_1_364_aa ATL8C4237_GENSCAN_predict	zf-c2h2(HMM:0.0039)
17064	ed_peptide_1_112_aa ATL8C43178_GENSCAN_predi	zf-c2h2(HMM:2.3e-05)
17065	cted_peptide_1_414_aa ATL8C45752_GENSCAN_predi	zf-c2h2(HMM:7.5e-11)
17066	cted_peptide_1_256_aa ATL8C46186_GENSCAN_predi	zf-c2h2(HMM:0.00023)
17067	cted_peptide_1_180_aa ATL8C46660_GENSCAN_predi	zf-c2h2(HMM:1.2e-20)
17068	cted_peptide_1_240_aa ATL8C47018_GENSCAN_predi	zf-c2h2(HMM:0.055)
17069	cted_peptide_1_598_aa ATL8C47779_GENSCAN_predi	zf-c2h2(HMM:0.086)
17070	cted_peptide_1_203_aa ATL8C47911_GENSCAN_predi	zf-c2h2(HMM:2.7e-09)
17071	cted_peptide_1_215_aa ATL8C47967_GENSCAN_predi	zf-c2h2(HMM:0.012)
17072	cted_peptide_1_139_aa ATL8C4825_GENSCAN_predict	zf-c2h2(HMM:8.2e-13)
17073	ed_peptide_1_284_aa ATL8C48892_GENSCAN_predi	zf-c2h2(HMM:3e-08)
17074	cted_peptide_1_183_aa ATL8C49298_GENSCAN_predi	zf-c2h2(HMM:0.00032)
17075	cted_peptide_1_225_aa ATL8C49887_GENSCAN_predi	zf-c2h2(HMM:1e-05)
17076	cted_peptide_1_197_aa ATL8C50162_GENSCAN_predi	zf-c2h2(HMM:1.1e-06)
17077	cted_peptide_2_263_aa ATL8C5320_GENSCAN_predict	zf-c2h2(HMM:0.024)
17078	ed_peptide_1_248_aa ATL8C6984_GENSCAN_predict	zf-c2h2(HMM:0.0046)
17079	ed_peptide_1_272_aa ATL8C8207_GENSCAN_predict	zf-c2h2(HMM:2.5e-08)
17080	ed_peptide_1_109_aa ATL8C9262_GENSCAN_predict	zf-c2h2(HMM:0.034)
17081	ed_peptide_1_128_aa ATL8C9414_GENSCAN_predict	zf-c2h2(HMM:0.00035)
17082	ed_peptide_1_97_aa ATL8C9527_GENSCAN_predict	zf-c2h2(HMM:0.00083)
17083	ed_peptide_1_339_aa ATL8S10274_GENSCAN_predi	zf-c2h2(HMM:2.2e-07)
17084	cted_peptide_1_231_aa ATL8S9284_GENSCAN_predict	zf-c2h2(HMM:0.0043)
17085	ed_peptide_1_67_aa ATL8C10345_GENSCAN_predi	zf-c3hc4(HMM:0.003)
17086	cted_peptide_1_248_aa ATL8C10774_GENSCAN_predi	zf-c3hc4(HMM:0.01)
17087	cted_peptide_1_388_aa ATL8C11241_GENSCAN_predi	zf-c3hc4(HMM:0.0028)

	cted_peptide_1_416_aa	
17088	ATL8C11351_GENSCAN_predi	zf-c3hc4(HMM:0.092)
	cted_peptide_2_339_aa	
17089	ATL8C1175_GENSCAN_predict	zf-c3hc4(HMM:3.3e-11)
	ed_peptide_1_174_aa	
17090	ATL8C1193_GENSCAN_predict	zf-c3hc4(HMM:0.00015)
	ed_peptide_1_391_aa	
17091	ATL8C12324_GENSCAN_predi	zf-c3hc4(HMM:9.9e-12)
	cted_peptide_1_215_aa	
17092	ATL8C12646_GENSCAN_predi	zf-c3hc4(HMM:0.00043)
	cted_peptide_1_129_aa	
17093	ATL8C12791_GENSCAN_predi	zf-c3hc4(HMM:3.9e-13)
	cted_peptide_2_182_aa	
17094	ATL8C12959_GENSCAN_predi	zf-c3hc4(HMM:0.21)
	cted_peptide_1_95_aa	
17095	ATL8C13096_GENSCAN_predi	zf-c3hc4(HMM:1.7e-09)
	cted_peptide_1_182_aa	
17096	ATL8C13134_GENSCAN_predi	zf-c3hc4(HMM:1e-11)
	cted_peptide_2_369_aa	
17097	ATL8C13219_GENSCAN_predi	zf-c3hc4(HMM:6e-12)
	cted_peptide_1_220_aa	
17098	ATL8C13581_GENSCAN_predi	zf-c3hc4(HMM:5e-12)
	cted_peptide_1_189_aa	
17099	ATL8C13750_GENSCAN_predi	zf-c3hc4(HMM:3.1e-10)
	cted_peptide_1_256_aa	
17100	ATL8C13754_GENSCAN_predi	zf-c3hc4(HMM:1.2)
	cted_peptide_1_256_aa	
17101	ATL8C13951_GENSCAN_predi	zf-c3hc4(HMM:3.4e-12)
	cted_peptide_2_180_aa	
17102	ATL8C14035_GENSCAN_predi	zf-c3hc4(HMM:1e-07)
	cted_peptide_1_152_aa	
17103	ATL8C14792_GENSCAN_predi	zf-c3hc4(HMM:3.3e-08)
	cted_peptide_1_176_aa	
17104	ATL8C15192_GENSCAN_predi	zf-c3hc4(HMM:0.001)
	cted_peptide_1_258_aa	
17105	ATL8C15474_GENSCAN_predi	zf-c3hc4(HMM:3)
	cted_peptide_1_295_aa	
17106	ATL8C15503_GENSCAN_predi	zf-c3hc4(HMM:0.61)
	cted_peptide_1_220_aa	
17107	ATL8C15755_GENSCAN_predi	zf-c3hc4(HMM:0.012)
	cted_peptide_1_342_aa	
17108	ATL8C1585_GENSCAN_predict	zf-c3hc4(HMM:0.00076)
	ed_peptide_2_465_aa	
17109	ATL8C16440_GENSCAN_predi	zf-c3hc4(HMM:1.8e-06)
	cted_peptide_1_317_aa	
17110	ATL8C16763_GENSCAN_predi	zf-c3hc4(HMM:0.0016)
	cted_peptide_1_407_aa	
17111	ATL8C17363_GENSCAN_predi	zf-c3hc4(HMM:9.5e-09)
	cted_peptide_2_378_aa	
17112	ATL8C17363_GENSCAN_predi	zf-c3hc4(HMM:2.8e-06)
	cted_peptide_3_302_aa	
17113	ATL8C17741_GENSCAN_predi	zf-c3hc4(HMM:0.0019)
	cted_peptide_1_139_aa	
17114	ATL8C17766_GENSCAN_predi	zf-c3hc4(HMM:3.8e-12)

17115	cted_peptide_1_289_aa ATL8C18017_GENSCAN_predi	zf-c3hc4(HMM:0.79)
17116	cted_peptide_1_288_aa ATL8C18656_GENSCAN_predi	zf-c3hc4(HMM:1.5e-08)
17117	cted_peptide_2_86_aa ATL8C19209_GENSCAN_predi	zf-c3hc4(HMM:1.2e-09)
17118	cted_peptide_2_224_aa ATL8C20148_GENSCAN_predi	zf-c3hc4(HMM:2.7e-05)
17119	cted_peptide_1_383_aa ATL8C20438_GENSCAN_predi	zf-c3hc4(HMM:0.0077)
17120	cted_peptide_1_152_aa ATL8C20598_GENSCAN_predi	zf-c3hc4(HMM:2.8e-12)
17121	cted_peptide_1_515_aa ATL8C21566_GENSCAN_predi	zf-c3hc4(HMM:7.3e-09)
17122	cted_peptide_1_188_aa ATL8C21572_GENSCAN_predi	zf-c3hc4(HMM:2e-13)
17123	cted_peptide_1_210_aa ATL8C21672_GENSCAN_predi	zf-c3hc4(HMM:0.0058)
17124	cted_peptide_1_382_aa ATL8C21741_GENSCAN_predi	zf-c3hc4(HMM:0.094)
17125	cted_peptide_1_336_aa ATL8C21848_GENSCAN_predi	zf-c3hc4(HMM:6.4e-13)
17126	cted_peptide_1_180_aa ATL8C22196_GENSCAN_predi	zf-c3hc4(HMM:0.0012)
17127	cted_peptide_1_289_aa ATL8C22472_GENSCAN_predi	zf-c3hc4(HMM:3.2e-11)
17128	cted_peptide_1_289_aa ATL8C22512_GENSCAN_predi	zf-c3hc4(HMM:6.1e-13)
17129	cted_peptide_1_400_aa ATL8C22674_GENSCAN_predi	zf-c3hc4(HMM:0.0025)
17130	cted_peptide_1_312_aa ATL8C22875_GENSCAN_predi	zf-c3hc4(HMM:0.0011)
17131	cted_peptide_1_133_aa ATL8C2320_GENSCAN_predict	zf-c3hc4(HMM:1.3)
17132	ed_peptide_1_444_aa ATL8C2347_GENSCAN_predict	zf-c3hc4(HMM:0.00035)
17133	ed_peptide_1_162_aa ATL8C23839_GENSCAN_predi	zf-c3hc4(HMM:5.6e-12)
17134	cted_peptide_1_166_aa ATL8C23979_GENSCAN_predi	zf-c3hc4(HMM:0.034)
17135	cted_peptide_1_61_aa ATL8C24150_GENSCAN_predi	zf-c3hc4(HMM:5.6e-13)
17136	cted_peptide_2_122_aa ATL8C24658_GENSCAN_predi	zf-c3hc4(HMM:7.3e-09)
17137	cted_peptide_1_112_aa ATL8C24880_GENSCAN_predi	zf-c3hc4(HMM:3.4e-14)
17138	cted_peptide_1_135_aa ATL8C25142_GENSCAN_predi	zf-c3hc4(HMM:0.00066)
17139	cted_peptide_1_125_aa ATL8C25180_GENSCAN_predi	zf-c3hc4(HMM:0.0034)
17140	cted_peptide_1_224_aa ATL8C26043_GENSCAN_predi	zf-c3hc4(HMM:8.4e-07)
17141	cted_peptide_1_597_aa ATL8C26429_GENSCAN_predi	zf-c3hc4(HMM:3e-10)

17142	cted_peptide_1_221_aa ATL8C26629_GENSCAN_predi	zf-c3hc4(HMM:0.071)
17143	cted_peptide_1_248_aa ATL8C26947_GENSCAN_predi	zf-c3hc4(HMM:0.00037)
17144	cted_peptide_2_1079_aa ATL8C27300_GENSCAN_predi	zf-c3hc4(HMM:0.0013)
17145	cted_peptide_1_563_aa ATL8C27368_GENSCAN_predi	zf-c3hc4(HMM:7.7e-14)
17146	cted_peptide_1_322_aa ATL8C27373_GENSCAN_predi	zf-c3hc4(HMM:1.3e-12)
17147	cted_peptide_2_351_aa ATL8C27465_GENSCAN_predi	zf-c3hc4(HMM:3.3e-06)
17148	cted_peptide_1_257_aa ATL8C2778_GENSCAN_predict	zf-c3hc4(HMM:0.00034)
17149	ed_peptide_1_281_aa ATL8C27804_GENSCAN_predi	zf-c3hc4(HMM:0.00018)
17150	cted_peptide_1_365_aa ATL8C2811_GENSCAN_predict	zf-c3hc4(HMM:2e-13)
17151	ed_peptide_2_329_aa ATL8C28447_GENSCAN_predi	zf-c3hc4(HMM:0.00078)
17152	cted_peptide_1_333_aa ATL8C2947_GENSCAN_predict	zf-c3hc4(HMM:7.7e-09)
17153	ed_peptide_1_285_aa ATL8C30761_GENSCAN_predi	zf-c3hc4(HMM:1.6e-12)
17154	cted_peptide_1_140_aa ATL8C3085_GENSCAN_predict	zf-c3hc4(HMM:1.3e-05)
17155	ed_peptide_1_596_aa ATL8C3104_GENSCAN_predict	zf-c3hc4(HMM:1.6e-12)
17156	ed_peptide_1_404_aa ATL8C3127_GENSCAN_predict	zf-c3hc4(HMM:2.2e-07)
17157	ed_peptide_1_113_aa ATL8C31457_GENSCAN_predi	zf-c3hc4(HMM:0.021)
17158	cted_peptide_1_256_aa ATL8C32038_GENSCAN_predi	zf-c3hc4(HMM:7.2e-05)
17159	cted_peptide_2_220_aa ATL8C32124_GENSCAN_predi	zf-c3hc4(HMM:7.2e-12)
17160	cted_peptide_1_215_aa ATL8C3227_GENSCAN_predict	zf-c3hc4(HMM:0.072)
17161	ed_peptide_1_595_aa ATL8C32282_GENSCAN_predi	zf-c3hc4(HMM:1.6e-11)
17162	cted_peptide_1_210_aa ATL8C3338_GENSCAN_predict	zf-c3hc4(HMM:1.6e-08)
17163	ed_peptide_1_122_aa ATL8C33864_GENSCAN_predi	zf-c3hc4(HMM:7.2e-10)
17164	cted_peptide_1_199_aa ATL8C33980_GENSCAN_predi	zf-c3hc4(HMM:7.6e-12)
17165	cted_peptide_1_132_aa ATL8C3412_GENSCAN_predict	zf-c3hc4(HMM:5.3e-08)
17166	ed_peptide_2_196_aa ATL8C34476_GENSCAN_predi	zf-c3hc4(HMM:6.9e-12)
17167	cted_peptide_1_428_aa ATL8C35198_GENSCAN_predi	zf-c3hc4(HMM:0.00088)
17168	cted_peptide_1_144_aa ATL8C35742_GENSCAN_predi	zf-c3hc4(HMM:0.00052)



17169	cted_peptide_1_149_aa ATL8C35888_GENSCAN_predi	zf-c3hc4(HMM:7.5e-13)
17170	cted_peptide_1_229_aa ATL8C36336_GENSCAN_predi	zf-c3hc4(HMM:7.5e-10)
17171	cted_peptide_1_230_aa ATL8C36839_GENSCAN_predi	zf-c3hc4(HMM:0.003)
17172	cted_peptide_1_277_aa ATL8C3704_GENSCAN_predict	zf-c3hc4(HMM:2.1e-10)
17173	ed_peptide_1_410_aa ATL8C37126_GENSCAN_predi	zf-c3hc4(HMM:3.2e-10)
17174	cted_peptide_1_106_aa ATL8C3716_GENSCAN_predict	zf-c3hc4(HMM:0.00053)
17175	ed_peptide_2_263_aa ATL8C37182_GENSCAN_predi	zf-c3hc4(HMM:0.0024)
17176	cted_peptide_1_437_aa ATL8C37326_GENSCAN_predi	zf-c3hc4(HMM:0.0016)
17177	cted_peptide_1_226_aa ATL8C37347_GENSCAN_predi	zf-c3hc4(HMM:0.0015)
17178	cted_peptide_1_255_aa ATL8C37506_GENSCAN_predi	zf-c3hc4(HMM:2.9)
17179	cted_peptide_1_332_aa ATL8C37735_GENSCAN_predi	zf-c3hc4(HMM:1.7e-09)
17180	cted_peptide_1_202_aa ATL8C37836_GENSCAN_predi	zf-c3hc4(HMM:0.0016)
17181	cted_peptide_1_200_aa ATL8C38061_GENSCAN_predi	zf-c3hc4(HMM:6.5e-10)
17182	cted_peptide_1_355_aa ATL8C38442_GENSCAN_predi	zf-c3hc4(HMM:9.6e-14)
17183	cted_peptide_1_217_aa ATL8C38953_GENSCAN_predi	zf-c3hc4(HMM:1.7e-07)
17184	cted_peptide_1_199_aa ATL8C38970_GENSCAN_predi	zf-c3hc4(HMM:4e-06)
17185	cted_peptide_1_192_aa ATL8C39531_GENSCAN_predi	zf-c3hc4(HMM:2.2e-08)
17186	cted_peptide_1_98_aa ATL8C39997_GENSCAN_predi	zf-c3hc4(HMM:0.0015)
17187	cted_peptide_1_64_aa ATL8C40056_GENSCAN_predi	zf-c3hc4(HMM:1.8e-10)
17188	cted_peptide_1_130_aa ATL8C40599_GENSCAN_predi	zf-c3hc4(HMM:4.9e-14)
17189	cted_peptide_1_126_aa ATL8C40766_GENSCAN_predi	zf-c3hc4(HMM:0.0051)
17190	cted_peptide_1_124_aa ATL8C4189_GENSCAN_predict	zf-c3hc4(HMM:9.5e-05)
17191	ed_peptide_1_124_aa ATL8C41900_GENSCAN_predi	zf-c3hc4(HMM:0.85)
17192	cted_peptide_1_185_aa ATL8C42271_GENSCAN_predi	zf-c3hc4(HMM:7.3e-08)
17193	cted_peptide_1_177_aa ATL8C42320_GENSCAN_predi	zf-c3hc4(HMM:0.014)
17194	cted_peptide_1_97_aa ATL8C42412_GENSCAN_predi	zf-c3hc4(HMM:5.8e-08)
17195	cted_peptide_1_228_aa ATL8C42699_GENSCAN_predi	zf-c3hc4(HMM:9.5e-14)



17223	cted_peptide_2_46_aa ATL8C49511_GENSCAN_predi	zf-c3hc4(HMM:1.3e-09)
17224	cted_peptide_1_89_aa ATL8C49801_GENSCAN_predi	zf-c3hc4(HMM:1.4e-11)
17225	cted_peptide_1_405_aa ATL8C49906_GENSCAN_predi	zf-c3hc4(HMM:1.6e-09)
17226	cted_peptide_1_207_aa ATL8C50119_GENSCAN_predi	zf-c3hc4(HMM:1.3e-12)
17227	cted_peptide_1_697_aa ATL8C5221_GENSCAN_predict	zf-c3hc4(HMM:0.0095)
17228	ed_peptide_1_391_aa ATL8C5808_GENSCAN_predict	zf-c3hc4(HMM:2.6e-14)
17229	ed_peptide_1_150_aa ATL8C5815_GENSCAN_predict	zf-c3hc4(HMM:8.5e-14)
17230	ed_peptide_1_344_aa ATL8C5950_GENSCAN_predict	zf-c3hc4(HMM:0.096)
17231	ed_peptide_1_992_aa ATL8C5999_GENSCAN_predict	zf-c3hc4(HMM:3.2e-08)
17232	ed_peptide_1_96_aa ATL8C6265_GENSCAN_predict	zf-c3hc4(HMM:5.5e-10)
17233	ed_peptide_1_236_aa ATL8C6505_GENSCAN_predict	zf-c3hc4(HMM:1.2)
17234	ed_peptide_1_342_aa ATL8C6775_GENSCAN_predict	zf-c3hc4(HMM:0.023)
17235	ed_peptide_3_97_aa ATL8C6835_GENSCAN_predict	zf-c3hc4(HMM:4.6e-05)
17236	ed_peptide_1_59_aa ATL8C6945_GENSCAN_predict	zf-c3hc4(HMM:1.2e-13)
17237	ed_peptide_1_310_aa ATL8C7280_GENSCAN_predict	zf-c3hc4(HMM:1.9e-14)
17238	ed_peptide_1_271_aa ATL8C8546_GENSCAN_predict	zf-c3hc4(HMM:6.6e-08)
17239	ed_peptide_1_140_aa ATL8C8670_GENSCAN_predict	zf-c3hc4(HMM:1.1e-12)
17240	ed_peptide_1_258_aa ATL8C8985_GENSCAN_predict	zf-c3hc4(HMM:7e-10)
17241	ed_peptide_2_99_aa ATL8C9205_GENSCAN_predict	zf-c3hc4(HMM:7.9e-09)
17242	ed_peptide_1_223_aa ATL8C9206_GENSCAN_predict	zf-c3hc4(HMM:1.1e-08)
17243	ed_peptide_1_166_aa ATL8C949_GENSCAN_predicte	zf-c3hc4(HMM:0.0019)
17244	d_peptide_1_199_aa ATL8S10692_GENSCAN_predi	zf-c3hc4(HMM:1.6e-07)
17245	cted_peptide_1_82_aa ATL8S16102_GENSCAN_predi	zf-c3hc4(HMM:0.0023)
17246	cted_peptide_1_101_aa ATL8S16281_GENSCAN_predi	zf-c3hc4(HMM:0.0072)
17247	cted_peptide_1_86_aa ATL8S1940_GENSCAN_predict	zf-c3hc4(HMM:1.1e-05)
17248	ed_peptide_1_124_aa ATL8S19710_GENSCAN_predi	zf-c3hc4(HMM:5.3e-12)
17249	cted_peptide_1_170_aa ATL8S26009_GENSCAN_predi	zf-c3hc4(HMM:0.0016)

17250	cted_peptide_1_85_aa ATL8S5207_GENSCAN_predict	zf-c3hc4(HMM:1.5e-06)
17251	ed_peptide_1_142_aa ATL8C20407_GENSCAN_predi	zf-c3hc4(HMM:2.1e-07),zf-
17252	cted_peptide_1_394_aa ATL8C30724_GENSCAN_predi	ccch(HMM:0.032) zf-c3hc4(HMM:0.0083),zf-
17253	cted_peptide_1_378_aa ATL8C35125_GENSCAN_predi	ccch(HMM:2.1e-10) zf-c3hc4(HMM:4.6e-07),zf-
17254	cted_peptide_2_308_aa ATL8C10380_GENSCAN_predi	ccch(HMM:2.1e-07) zf-ccch(HMM:5.8e-10)
17255	cted_peptide_1_216_aa ATL8C14994_GENSCAN_predi	zf-ccch(HMM:2.4e-20)
17256	cted_peptide_1_452_aa ATL8C16403_GENSCAN_predi	zf-ccch(HMM:0.0033)
17257	cted_peptide_1_397_aa ATL8C22058_GENSCAN_predi	zf-ccch(HMM:0.0067)
17258	cted_peptide_1_54_aa ATL8C2339_GENSCAN_predict	zf-ccch(HMM:0.0015)
17259	ed_peptide_1_159_aa ATL8C2965_GENSCAN_predict	zf-ccch(HMM:3.5e-07)
17260	ed_peptide_1_160_aa ATL8C32403_GENSCAN_predi	zf-ccch(HMM:6.5e-05)
17261	cted_peptide_1_144_aa ATL8C34201_GENSCAN_predi	zf-ccch(HMM:0.0079)
17262	cted_peptide_1_278_aa ATL8C35150_GENSCAN_predi	zf-ccch(HMM:0.0078)
17263	cted_peptide_1_130_aa ATL8C36239_GENSCAN_predi	zf-ccch(HMM:0.043)
17264	cted_peptide_2_720_aa ATL8C39223_GENSCAN_predi	zf-ccch(HMM:0.017)
17265	cted_peptide_1_68_aa ATL8C4098_GENSCAN_predict	zf-ccch(HMM:0.00014)
17266	ed_peptide_1_317_aa ATL8C45116_GENSCAN_predi	zf-ccch(HMM:0.0003)
17267	cted_peptide_1_93_aa ATL8C4540_GENSCAN_predict	zf-ccch(HMM:3.1e-24)
17268	ed_peptide_1_384_aa ATL8C45666_GENSCAN_predi	zf-ccch(HMM:1e-10)
17269	cted_peptide_1_190_aa ATL8C46093_GENSCAN_predi	zf-ccch(HMM:0.0014)
17270	cted_peptide_1_277_aa ATL8C47087_GENSCAN_predi	zf-ccch(HMM:0.00051)
17271	cted_peptide_1_262_aa ATL8C48660_GENSCAN_predi	zf-ccch(HMM:0.0055)
17272	cted_peptide_1_151_aa ATL8C48934_GENSCAN_predi	zf-ccch(HMM:1.5e-13)
17273	cted_peptide_1_336_aa ATL8C903_GENSCAN_predicte	zf-ccch(HMM:7.8e-19)
17274	d_peptide_1_251_aa ATL8C9324_GENSCAN_predict	zf-ccch(HMM:2.6e-09)
17275	ed_peptide_1_283_aa ATL8S23811_GENSCAN_predi	zf-ccch(HMM:6.8e-05)
17276	cted_peptide_1_105_aa ATL8S9288_GENSCAN_predict	zf-ccch(HMM:0.032)

17277	ed_peptide_1_102_aa ATL8C20228_GENSCAN_predi	zf-constans(HMM:4.8)
17278	cted_peptide_1_80_aa ATL8C44589_GENSCAN_predi	zf-constans(HMM:3e-10)
17279	cted_peptide_2_225_aa ATL8C4639_GENSCAN_predict	zf-constans(HMM:3.8e-15)
17280	ed_peptide_1_166_aa ATL8C47097_GENSCAN_predi	zf-constans(HMM:3.2e-17)
17281	cted_peptide_1_64_aa ATL8C18816_GENSCAN_predi	zf-mynd(HMM:6.1e-05)
17282	cted_peptide_1_385_aa ATL8C3410_GENSCAN_predict	zf-mynd(HMM:0.0055)
17283	ed_peptide_1_269_aa ATL8C4203_GENSCAN_predict	zf-mynd(HMM:0.34)
17284	ed_peptide_1_365_aa ATL8C42164_GENSCAN_predi	zf-mynd(HMM:2.5e-16)
17285	cted_peptide_1_243_aa ATL8C7875_GENSCAN_predict	zf-nf-x1(HMM:1.4e-10)
17286	ed_peptide_1_654_aa ATL8C14433_GENSCAN_predi	zz(HMM:1e-07)
17287	cted_peptide_1_3271_aa ATL8C33755_GENSCAN_predi	zz(HMM:1.5e-15)
17288	cted_peptide_1_322_aa ATL8C36482_GENSCAN_predi	zz(HMM:7.3e-17)
17289	cted_peptide_1_135_aa ATL8C36506_GENSCAN_predi	zz(HMM:0.024)
17290	cted_peptide_1_333_aa ATL8C37446_GENSCAN_predi	zz(HMM:3.1e-08)
17291	cted_peptide_1_173_aa ATL8C49605_GENSCAN_predi	zz(HMM:2.2e-18)
	cted_peptide_1_901_aa	

Table 11 Nucleic acid sequences encoding transcription factors from rice

SEQ NUM	SEQ ID	Family/Method/E-value
17292	OJ000110_02.0330.C79.p1.gs	14-3-3(HMM:0.0029)
17293	OJ000110_02.0330.C80.p1.gs	14-3-3(HMM:3.1e-09)
17294	OJ000110_02.0426.C79.p1.gs	14-3-3(HMM:0.0029)
17295	OJ000110_02.0426.C80.p1.gs	14-3-3(HMM:3.1e-09)
17296	OJ000112_18.0224.C2.p5.gs	14-3-3(HMM:4.3e-178)
17297	OJ000112_18.0426.C2.p5.gs	14-3-3(HMM:4.3e-178)
17298	OJ000113_01.0331.C3.p2.gs	14-3-3(HMM:1.2e-16)
17299	OJ000113_01.0426.C3.p2.gs	14-3-3(HMM:1.2e-16)
17300	OJ000250_48.0211.C7.p2.gs	14-3-3(HMM:2.1e-134)
17301	OJ990412_09.9923.C13.p1.gs	14-3-3(HMM:1.1e-167)
17302	OJ990429_08.9C23.C17.p7.gs	14-3-3(HMM:7.4e-09)
17303	OJ990518_02.9B16.C45.p1.gs	14-3-3(HMM:1.6e-28)
17304	OJ990518_02.9B16.C47.p1.gs	14-3-3(HMM:0.00077)
17305	OJ990518_02.9B16.C48.p1.gs	14-3-3(HMM:2.6e-11)
17306	OJ990615_05.9C14.C20.p1.gs	14-3-3(HMM:5.5e-42)
17307	OJ990615_05.9C14.C21.p1.gs	14-3-3(HMM:3e-31)
17308	OJ990615_06.9926.C26.p1.gs	14-3-3(HMM:1.5e-35)
17309	OJ990709_02.0207.C11.p4.gs	14-3-3(HMM:5.8e-170)
17310	OJ990729_13.9A05.C1.p8.gs	14-3-3(HMM:4.3e-178)
17311	OJ990803_09.9B05.C2.p2.gs	14-3-3(HMM:6.1e-181)
17312	OJ991108_17.0417.C36.p1.gs	14-3-3(HMM:8.6e-94)
17313	OJ991108_19.0419.C55.p1.gs	14-3-3(HMM:7.4e-29)
17314	OJ991118_17.0421.C10.p2.gs	14-3-3(HMM:2.7e-10)
17315	OJ991118_17.9C22.C10.p2.gs	14-3-3(HMM:2.7e-10)
17316	OJ991206_14.0215.C3.p1.gs	14-3-3(HMM:7.4e-09)
17317	OJ000105_16.0204.C22.p1.gs	ank(HMM:2.4e-05)
17318	OJ000105_16.0426.C22.p1.gs	ank(HMM:2.4e-05)
17319	OJ000106_08.0222.C34.p3.gs	ank(HMM:7.9e-11)
17320	OJ000106_08.0222.C34.p4.gs	ank(HMM:3.4e-08)
17321	OJ000106_08.0222.C36.p1.gs	ank(HMM:8.7e-14)
17322	OJ000106_08.0222.C36.p3.gs	ank(HMM:8.7e-11)
17323	OJ000106_08.0222.C37.p1.gs	ank(HMM:2.6e-18)
17324	OJ000106_08.0317.C12.p1.gs	ank(HMM:3.4e-08)
17325	OJ000106_08.0317.C12.p2.gs	ank(HMM:7.9e-11)
17326	OJ000106_08.0317.C8.p3.gs	ank(HMM:2.6e-18)
17327	OJ000106_08.0317.C9.p2.gs	ank(HMM:8.7e-11)
17328	OJ000106_08.0317.C9.p4.gs	ank(HMM:8.7e-14)
17329	OJ000106_08.0426.C12.p1.gs	ank(HMM:3.4e-08)
17330	OJ000106_08.0426.C12.p2.gs	ank(HMM:7.9e-11)
17331	OJ000106_08.0426.C8.p3.gs	ank(HMM:2.6e-18)
17332	OJ000106_08.0426.C9.p2.gs	ank(HMM:8.7e-11)
17333	OJ000106_08.0426.C9.p4.gs	ank(HMM:8.7e-14)
17334	OJ000107_10.0215.C31.p1.gs	ank(HMM:1.1e-23)
17335	OJ000107_10.0215.C6.p2.gs	ank(HMM:8.4e-22)
17336	OJ000107_10.0426.C31.p1.gs	ank(HMM:1.1e-23)
17337	OJ000107_10.0426.C6.p2.gs	ank(HMM:8.4e-22)
17338	OJ000112_15.0214.C8.p3.gs	ank(HMM:3.9e-26)
17339	OJ000112_15.0310.C8.p3.gs	ank(HMM:3.9e-26)
17340	OJ000112_15.0426.C8.p3.gs	ank(HMM:3.9e-26)
17341	OJ000112_19.0225.C8.p1.gs	ank(HMM:0.036)
17342	OJ000113_02.0211.C3.p4.gs	ank(HMM:4.7e-06)
17343	OJ000113_02.0426.C3.p4.gs	ank(HMM:4.7e-06)

17344	OJ000113_12.0223.C40.p1.gs	ank(HMM:0.0029)
17345	OJ000113_20.0203.C6.p4.gs	ank(HMM:7e-16)
17346	OJ000114_11.0217.C19.p3.gs	ank(HMM:2.2e-11)
17347	OJ000115_33.0331.C16.p1.gs	ank(HMM:0.0036)
17348	OJ000118_13.0419.C15.p3.gs	ank(HMM:4.7e-21)
17349	OJ000118_20.0222.C19.p1.gs	ank(HMM:1.1e-08)
17350	OJ000121_08.0306.C18.p2.gs	ank(HMM:3.4e-13)
17351	OJ000121_08.0306.C19.p1.gs	ank(HMM:0.0029)
17352	OJ000121_08.0306.C22.p2.gs	ank(HMM:5.2e-39)
17353	OJ000204_18.0225.C3.p2.gs	ank(HMM:2.1e-26)
17354	OJ000204_18.0225.C4.p2.gs	ank(HMM:6.8e-37)
17355	OJ000204_18.0225.C5.p2.gs	ank(HMM:4e-27)
17356	OJ000204_18.0225.C8.p2.gs	ank(HMM:6.5e-14)
17357	OJ000207_15.0315.C11.p6.gs	ank(HMM:1e-16)
17358	OJ000209_23.0320.C1.p1.gs	ank(HMM:1e-41)
17359	OJ000210_06.0306.C13.p3.gs	ank(HMM:0.00027)
17360	OJ000210_23.0322.C15.p7.gs	ank(HMM:1.6e-15)
17361	OJ000211_02.0327.C10.p1.gs	ank(HMM:1e-44)
17362	OJ000214_22.0328.C14.p1.gs	ank(HMM:4.8e-25)
17363	OJ000217_12.0419.C11.p2.gs	ank(HMM:1.4e-07)
17364	OJ000217_12.0419.C12.p2.gs	ank(HMM:5.1e-09)
17365	OJ000217_12.0419.C45.p1.gs	ank(HMM:9.5e-11)
17366	OJ000217_12.0419.C47.p1.gs	ank(HMM:1.2e-11)
17367	OJ000222_19.0322.C9.p1.gs	ank(HMM:2e-41)
17368	OJ000229_10.0419.C8.p2.gs	ank(HMM:4.7e-06)
17369	OJ000229_22.0323.C28.p1.gs	ank(HMM:1.6e-34)
17370	OJ000250_26.0225.C3.p8.gs	ank(HMM:2.3e-28)
17371	OJ000250_45.0211.C3.p1.gs	ank(HMM:2.6e-07)
17372	OJ000250_73.0214.C3.p5.gs	ank(HMM:0.0011)
17373	OJ000250_77.0222.C5.p1.gs	ank(HMM:0.00036)
17374	OJ000251_02.0313.C31.p1.gs	ank(HMM:0.0011)
17375	OJ000251_09.0406.C15.p1.gs	ank(HMM:4.2e-24)
17376	OJ000251_09.0406.C27.p3.gs	ank(HMM:1e-06)
17377	OJ000251_32.0217.C9.p1.gs	ank(HMM:1.6e-17)
17378	OJ000301_08.0407.C6.p5.gs	ank(HMM:9.2e-34)
17379	OJ000301_24.0403.C2.p2.gs	ank(HMM:8.2e-05)
17380	OJ000302_01.0405.C14.p1.gs	ank(HMM:3.9e-26)
17381	OJ000303_10.0405.C2.p1.gs	ank(HMM:6.1e-20)
17382	OJ000303_14.0419.C12.p2.gs	ank(HMM:6.7e-08)
17383	OJ000303_16.0331.C6.p2.gs	ank(HMM:3.2e-10)
17384	OJ000303_26.0411.C18.p1.gs	ank(HMM:9.2e-34)
17385	OJ000306_08.0419.C1.p2.gs	ank(HMM:3e-06)
17386	OJ000306_10.0419.C10.p3.gs	ank(HMM:4.8e-08)
17387	OJ000306_10.0419.C11.p1.gs	ank(HMM:7.5e-30)
17388	OJ000306_20.0417.C9.p4.gs	ank(HMM:3.6e-59)
17389	OJ000307_02.0330.C8.p1.gs	ank(HMM:2.2e-19)
17390	OJ000307_05.0403.C2.p2.gs	ank(HMM:1.5e-17)
17391	OJ000307_05.0403.C4.p2.gs	ank(HMM:1.9e-36)
17392	OJ000310_11.0411.C5.p1.gs	ank(HMM:1.7e-10)
17393	OJ000310_11.0420.C4.p1.gs	ank(HMM:1.7e-10)
17394	OJ000313_07.0419.C30.p2.gs	ank(HMM:5.3e-12)
17395	OJ000313_07.0419.C31.p1.gs	ank(HMM:0.00014)
17396	OJ000314_01.0419.C3.p1.gs	ank(HMM:2.1e-13)
17397	OJ000315_03.0411.C6.p4.gs	ank(HMM:2e-08)





17452	OJ990519_26.9C03.C5.p3.gs	ank(HMM:6e-32)
17453	OJ990519_29.9B05.C1.p8.gs	ank(HMM:1.1e-10)
17454	OJ990527_03.9C03.C37.p1.gs	ank(HMM:1.2e-06)
17455	OJ990527_03.9C03.C39.p1.gs	ank(HMM:2.7e-11)
17456	OJ990527_04.9C17.C7.p1.gs	ank(HMM:1.1e-12)
17457	OJ990530_44.9819.C1.p3.gs	ank(HMM:2.7e-15)
17458	OJ990531_43.9C03.C8.p1.gs	ank(HMM:1.6e-17)
17459	OJ990617_03.9922.C3.p2.gs	ank(HMM:0.025)
17460	OJ990618_03.9B19.C17.p1.gs	ank(HMM:4.7e-13)
17461	OJ990619_45.9C20.C2.p1.gs	ank(HMM:9.6e-26)
17462	OJ990626_40.0211.C20.p1.gs	ank(HMM:4.8e-25)
17463	OJ990630_04.9C01.C12.p2.gs	ank(HMM:1.1e-17)
17464	OJ990703_47.9C16.C4.p7.gs	ank(HMM:1.1e-23)
17465	OJ990703_47.9C16.C6.p1.gs	ank(HMM:6e-07)
17466	OJ990706_01.9921.C42.p1.gs	ank(HMM:1.2e-06)
17467	OJ990706_01.9921.C9.p1.gs	ank(HMM:6.6e-09)
17468	OJ990709_01.9919.C8.p1.gs	ank(HMM:3.5e-12)
17469	OJ990709_12.9A11.C7.p1.gs	ank(HMM:1.4e-08)
17470	OJ990721_03.9C10.C7.p2.gs	ank(HMM:8.7e-09)
17471	OJ990722_13.9C03.C6.p1.gs	ank(HMM:1.9e-23)
17472	OJ990728_03.9C13.C20.p1.gs	ank(HMM:3.4e-10)
17473	OJ990807_31.0419.C5.p1.gs	ank(HMM:9e-11)
17474	OJ990807_32.0211.C7.p3.gs	ank(HMM:1.5e-47)
17475	OJ990810_05.9B08.C10.p1.gs	ank(HMM:4.8e-24)
17476	OJ990810_05.9B08.C19.p1.gs	ank(HMM:5.6e-06)
17477	OJ990810_05.9B08.C2.p1.gs	ank(HMM:1.4e-11)
17478	OJ990810_05.9B08.C4.p1.gs	ank(HMM:0.00084)
17479	OJ990815_36.9B15.C2.p3.gs	ank(HMM:1.3e-16)
17480	OJ990817_07.9A01.C3.p3.gs	ank(HMM:6e-32)
17481	OJ990827_09.0103.C18.p1.gs	ank(HMM:6.3e-08)
17482	OJ990913_16.0421.C8.p1.gs	ank(HMM:4.8e-20)
17483	OJ990923_05.9B16.C2.p3.gs	ank(HMM:2.2e-19)
17484	OJ991001_03.0107.C5.p1.gs	ank(HMM:3.1e-14)
17485	OJ991007_03.0421.C3.p4.gs	ank(HMM:1.1e-17)
17486	OJ991007_03.9C27.C3.p4.gs	ank(HMM:1.1e-17)
17487	OJ991008_18.0106.C10.p2.gs	ank(HMM:0.0002)
17488	OJ991008_18.0106.C12.p1.gs	ank(HMM:3.4e-08)
17489	OJ991008_18.0106.C12.p2.gs	ank(HMM:1.4e-10)
17490	OJ991014_02.0110.C52.p1.gs	ank(HMM:0.11)
17491	OJ991019_09.0211.C10.p2.gs	ank(HMM:1.6e-50)
17492	OJ991020_16.0218.C2.p2.gs	ank(HMM:6e-30)
17493	OJ991021_06.0218.C10.p2.gs	ank(HMM:3.8e-21)
17494	OJ991022_08.0308.C34.p1.gs	ank(HMM:1.9e-36)
17495	OJ991022_14.0119.C16.p3.gs	ank(HMM:2.6e-15)
17496	OJ991022_14.0119.C6.p3.gs	ank(HMM:1.7e-40)
17497	OJ991022_14.0119.C7.p1.gs	ank(HMM:9.1e-12)
17498	OJ991022_14.0119.C9.p3.gs	ank(HMM:2.2e-42)
17499	OJ991026_09.0222.C19.p1.gs	ank(HMM:3e-06)
17500	OJ991027_15.0118.C9.p4.gs	ank(HMM:1.9e-23)
17501	OJ991027_15.0303.C7.p4.gs	ank(HMM:1.9e-23)
17502	OJ991027_17.0118.C20.p4.gs	ank(HMM:8.7e-09)
17503	OJ991029_14.0229.C25.p2.gs	ank(HMM:5.9e-06)
17504	OJ991029_14.0229.C31.p1.gs	ank(HMM:2.7e-05)
17505	OJ991101_03.0218.C10.p1.gs	ank(HMM:0.025)

17506	OJ991107_37.0113.C73.p3.gs	ank(HMM:3e-06)
17507	OJ991107_37.0421.C73.p3.gs	ank(HMM:3e-06)
17508	OJ991107_39.9C17.C9.p1.gs	ank(HMM:8.7e-21)
17509	OJ991110_01.0218.C15.p1.gs	ank(HMM:8.7e-10)
17510	OJ991110_01.0218.C16.p2.gs	ank(HMM:1.3e-09)
17511	OJ991110_02.0225.C4.p2.gs	ank(HMM:2.2e-19)
17512	OJ991110_06.0330.C4.p1.gs	ank(HMM:6e-32)
17513	OJ991110_06.0330.C4.p4.gs	ank(HMM:3.1e-14)
17514	OJ991112_18.0419.C1.p1.gs	ank(HMM:0.0002)
17515	OJ991112_18.0419.C2.p2.gs	ank(HMM:1.5e-10)
17516	OJ991112_18.0419.C34.p1.gs	ank(HMM:4e-10)
17517	OJ991112_18.0419.C43.p1.gs	ank(HMM:0.019)
17518	OJ991117_10.0421.C10.p3.gs	ank(HMM:3.6e-19)
17519	OJ991117_10.9C21.C9.p3.gs	ank(HMM:3.6e-19)
17520	OJ991122_09.0330.C21.p1.gs	ank(HMM:1.1e-17)
17521	OJ991122_10.0419.C43.p3.gs	ank(HMM:3.4e-22)
17522	OJ991208_04.0128.C3.p1.gs	ank(HMM:9.1e-10)
17523	OJ991209_10.0119.C14.p3.gs	ank(HMM:2e-41)
17524	OJ991209_13.0301.C3.p10.gs	ank(HMM:2.9e-05)
17525	OJ991209_15.0222.C1.p2.gs	ank(HMM:6e-23)
17526	OJ991210_01.0110.C4.p6.gs	ank(HMM:1.4e-17)
17527	OJ991210_06.0110.C7.p1.gs	ank(HMM:0.0011)
17528	OJ991214_16.0111.C6.p1.gs	ank(HMM:9.2e-34)
17529	OJ991217_08.0202.C5.p2.gs	ank(HMM:3.7e-19)
17530	OJ991217_20.0218.C15.p1.gs	ank(HMM:0.24)
17531	OJ991225_73.0317.C13.p1.gs	ank(HMM:5.8e-24)
17532	OJ991226_50.0317.C3.p2.gs	ank(HMM:2.7e-25)
17533	OJ000150_05.0124.C10.p3.gs	ank(HMM:1.5e-12),btb(HMM:8.5e-15)
17534	OJ000150_05.0421.C9.p3.gs	ank(HMM:1.5e-12),btb(HMM:8.5e-15)
17535	OJ000303_05.0410.C4.p3.gs	ank(HMM:3.5e-12),btb(HMM:0.001)
17536	OJ990410_27.9922.C7.p5.gs	ank(HMM:2.2e-17),chromo(HMM:7.3e-07)
17537	OJ000302_08.0410.C6.p1.gs	ank(HMM:0.18),sbpb(HMM:1.3e-11)
17538	OJ000118_13.0419.C26.p1.gs	ank(HMM:6.5e-29),zf-c3hc4(HMM:1.4e-11)
17539	OJ000315_06.0413.C19.p2.gs	ank(HMM:2e-24),zf-c3hc4(HMM:0.008)
17540	OJ000315_06.0420.C6.p2.gs	ank(HMM:2e-24),zf-c3hc4(HMM:0.008)
17541	OJ991112_11.0421.C4.p2.gs	ank(HMM:6.1e-37),zf-c3hc4(HMM:0.068)
17542	OJ991112_11.9C22.C4.p2.gs	ank(HMM:6.1e-37),zf-c3hc4(HMM:0.068)
17543	OJ990517_24.9A01.C42.p2.gs	ank(HMM:0.0016),zf-ccch(HMM:0.065)
17544	OJ990630_02.9C01.C11.p3.gs	ank(HMM:3.9e-12),zf-ccch(HMM:0.0075)
17545	OJ990830_12.9C03.C1.p1.gs	ank(HMM:1.2e-06),zf-ccch(HMM:0.073)
17546	OJ991014_01.0111.C15.p2.gs	ank(HMM:3.9e-12),zf-

17547	OJ990703_47.9C16.C5.p1.gs	cchh(HMM:0.0075) ank(HMM:2.3e-29),zf- cchc(HMM:4.4e-06)
17548	OJ000102_54.0426.C89.p2.gs	ap2-domain(HMM:1.6e-40)
17549	OJ000102_76.0222.C9.p8.gs	ap2-domain(HMM:5.4e-36)
17550	OJ000102_76.0426.C9.p8.gs	ap2-domain(HMM:5.4e-36)
17551	OJ000103_02.0124.C6.p4.gs	ap2-domain(HMM:1e-27)
17552	OJ000103_02.0426.C6.p4.gs	ap2-domain(HMM:1e-27)
17553	OJ000103_04.0303.C9.p2.gs	ap2-domain(HMM:1.3e-36)
17554	OJ000103_04.0426.C9.p2.gs	ap2-domain(HMM:1.3e-36)
17555	OJ000106_03.0216.C2.p1.gs	ap2-domain(HMM:2.7e-17)
17556	OJ000106_03.0216.C6.p2.gs	ap2-domain(HMM:9.4e-40)
17557	OJ000106_03.0216.C6.p3.gs	ap2-domain(HMM:2.5e-27)
17558	OJ000106_03.0426.C2.p1.gs	ap2-domain(HMM:2.7e-17)
17559	OJ000106_03.0426.C6.p2.gs	ap2-domain(HMM:9.4e-40)
17560	OJ000106_03.0426.C6.p3.gs	ap2-domain(HMM:2.5e-27)
17561	OJ000108_54.0419.C20.p1.gs	ap2-domain(HMM:1.6e-40)
17562	OJ000108_54.0426.C20.p1.gs	ap2-domain(HMM:1.6e-40)
17563	OJ000110_18.0301.C3.p2.gs	ap2-domain(HMM:2.3)
17564	OJ000110_18.0426.C3.p2.gs	ap2-domain(HMM:2.3)
17565	OJ000111_01.0225.C5.p1.gs	ap2-domain(HMM:0.00035)
17566	OJ000111_01.0426.C5.p1.gs	ap2-domain(HMM:0.00035)
17567	OJ000113_04.0302.C14.p2.gs	ap2-domain(HMM:1e-22)
17568	OJ000113_04.0426.C14.p2.gs	ap2-domain(HMM:1e-22)
17569	OJ000113_23.0214.C4.p2.gs	ap2-domain(HMM:2.5e-28)
17570	OJ000113_23.0303.C4.p2.gs	ap2-domain(HMM:2.5e-28)
17571	OJ000113_24.0203.C11.p2.gs	ap2-domain(HMM:7.6e-38)
17572	OJ000114_13.0224.C5.p3.gs	ap2-domain(HMM:6.9e-36)
17573	OJ000114_16.0225.C8.p2.gs	ap2-domain(HMM:0.34)
17574	OJ000117_20.0222.C7.p2.gs	ap2-domain(HMM:2.8e-27)
17575	OJ000118_11.0307.C6.p2.gs	ap2-domain(HMM:1.4e-50)
17576	OJ000118_16.0301.C12.p2.gs	ap2-domain(HMM:3.7e-38)
17577	OJ000118_16.0301.C16.p2.gs	ap2-domain(HMM:1.8e-61)
17578	OJ000118_16.0317.C13.p1.gs	ap2-domain(HMM:3.7e-38)
17579	OJ000118_16.0317.C9.p2.gs	ap2-domain(HMM:1.8e-61)
17580	OJ000118_23.0419.C8.p1.gs	ap2-domain(HMM:0.00049)
17581	OJ000204_21.0413.C5.p3.gs	ap2-domain(HMM:3.9e-39)
17582	OJ000204_22.0419.C7.p1.gs	ap2-domain(HMM:3.9e-39)
17583	OJ000204_28.0222.C9.p2.gs	ap2-domain(HMM:1.4e-39)
17584	OJ000207_03.0330.C21.p1.gs	ap2-domain(HMM:1.4e-39)
17585	OJ000207_10.0314.C17.p3.gs	ap2-domain(HMM:1.4e-15)
17586	OJ000207_18.0323.C14.p2.gs	ap2-domain(HMM:3.3e-32)
17587	OJ000207_18.0323.C15.p1.gs	ap2-domain(HMM:1.1e-05)
17588	OJ000207_18.0323.C21.p4.gs	ap2-domain(HMM:3.7e-38)
17589	OJ000208_19.0419.C8.p2.gs	ap2-domain(HMM:2.4e-38)
17590	OJ000208_26.0302.C5.p1.gs	ap2-domain(HMM:1.7e-39)
17591	OJ000209_01.0301.C13.p3.gs	ap2-domain(HMM:2.3e-52)
17592	OJ000209_02.0314.C47.p3.gs	ap2-domain(HMM:2.3e-52)
17593	OJ000209_05.0228.C3.p5.gs	ap2-domain(HMM:3.2e-38)
17594	OJ000209_07.0323.C2.p3.gs	ap2-domain(HMM:1e-39)
17595	OJ000209_10.0317.C9.p1.gs	ap2-domain(HMM:3.2e-38)
17596	OJ000214_08.0419.C35.p1.gs	ap2-domain(HMM:3.9e-40)
17597	OJ000217_16.0403.C5.p2.gs	ap2-domain(HMM:3.6e-36)
17598	OJ000223_12.0316.C1.p1.gs	ap2-domain(HMM:2.2e-38)

17599	OJ000223_19.0403.C3.p1.gs	ap2-domain(HMM:1.8e-61)
17600	OJ000224_06.0317.C7.p2.gs	ap2-domain(HMM:2.3e-13)
17601	OJ000229_21.0410.C9.p5.gs	ap2-domain(HMM:1.4e-39)
17602	OJ000250_25.0225.C5.p2.gs	ap2-domain(HMM:4.8e-47)
17603	OJ000250_46.0211.C6.p2.gs	ap2-domain(HMM:1.3e-41)
17604	OJ000250_46.0211.C8.p4.gs	ap2-domain(HMM:1.6e-40)
17605	OJ000250_46.0303.C2.p8.gs	ap2-domain(HMM:1.3e-41)
17606	OJ000250_46.0303.C3.p4.gs	ap2-domain(HMM:1.6e-40)
17607	OJ000250_63.0419.C52.p1.gs	ap2-domain(HMM:0.00083)
17608	OJ000251_21.0218.C2.p7.gs	ap2-domain(HMM:0.00077)
17609	OJ000251_37.0315.C44.p4.gs	ap2-domain(HMM:1e-13)
17610	OJ000251_47.0320.C3.p2.gs	ap2-domain(HMM:5.9e-36)
17611	OJ000251_51.0217.C4.p5.gs	ap2-domain(HMM:6.4e-31)
17612	OJ000251_51.0217.C7.p1.gs	ap2-domain(HMM:1.3e-41)
17613	OJ000301_28.0330.C2.p1.gs	ap2-domain(HMM:0.00035)
17614	OJ000306_03.0419.C30.p2.gs	ap2-domain(HMM:1.4e-15)
17615	OJ000307_07.0330.C2.p3.gs	ap2-domain(HMM:2e-31)
17616	OJ000307_07.0330.C7.p1.gs	ap2-domain(HMM:5.9e-29)
17617	OJ000308_06.0328.C6.p3.gs	ap2-domain(HMM:2e-31)
17618	OJ000308_06.0328.C8.p2.gs	ap2-domain(HMM:5.9e-29)
17619	OJ000310_09.0419.C18.p1.gs	ap2-domain(HMM:5.4e-05)
17620	OJ000310_12.0419.C31.p1.gs	ap2-domain(HMM:2.4e-38)
17621	OJ000313_05.0419.C57.p1.gs	ap2-domain(HMM:9e-20)
17622	OJ000313_26.0407.C2.p2.gs	ap2-domain(HMM:9.7e-37)
17623	OJ000313_26.0420.C8.p2.gs	ap2-domain(HMM:9.7e-37)
17624	OJ000314_13.0417.C16.p2.gs	ap2-domain(HMM:1.6e-39)
17625	OJ000314_33.0419.C14.p2.gs	ap2-domain(HMM:4e-26)
17626	OJ000315_12.0412.C3.p3.gs	ap2-domain(HMM:1.7e-39)
17627	OJ000315_21.0405.C6.p1.gs	ap2-domain(HMM:8.3e-36)
17628	OJ000315_21.0420.C4.p1.gs	ap2-domain(HMM:8.3e-36)
17629	OJ000315_30.0419.C7.p2.gs	ap2-domain(HMM:8.9e-52)
17630	OJ000315_36.0412.C18.p2.gs	ap2-domain(HMM:8.3e-40)
17631	OJ000316_01.0413.C7.p1.gs	ap2-domain(HMM:0.013)
17632	OJ000316_20.0418.C14.p4.gs	ap2-domain(HMM:8.5e-38)
17633	OJ000316_20.0418.C4.p2.gs	ap2-domain(HMM:4.8e-32)
17634	OJ000316_22.0419.C44.p2.gs	ap2-domain(HMM:2.8e-06)
17635	OJ000320_07.0419.C10.p2.gs	ap2-domain(HMM:2.3e-20)
17636	OJ000320_33.0412.C12.p4.gs	ap2-domain(HMM:2.7e-31)
17637	OJ000321_04.0419.C27.p2.gs	ap2-domain(HMM:2.9e-31)
17638	OJ000321_31.0411.C6.p5.gs	ap2-domain(HMM:5.9e-36)
17639	OJ000321_39.0417.C1.p1.gs	ap2-domain(HMM:1.4e-39)
17640	OJ000323_38.0418.C7.p2.gs	ap2-domain(HMM:3.9e-40)
17641	OJ000327_04.0419.C7.p2.gs	ap2-domain(HMM:1.5e-33)
17642	OJ000327_28.0417.C1.p1.gs	ap2-domain(HMM:0.037)
17643	OJ000327_36.0418.C7.p3.gs	ap2-domain(HMM:3.3e-32)
17644	OJ000328_19.0419.C3.p1.gs	ap2-domain(HMM:3.4e-29)
17645	OJ000329_02.0418.C9.p1.gs	ap2-domain(HMM:3.3e-32)
17646	OJ000350_31.0315.C17.p2.gs	ap2-domain(HMM:2e-32)
17647	OJ000350_31.0315.C17.p4.gs	ap2-domain(HMM:4.6e-33)
17648	OJ000404_28.0424.C21.p1.gs	ap2-domain(HMM:0.028)
17649	OJ000404_40.0419.C37.p1.gs	ap2-domain(HMM:3e-11)
17650	OJ000450_01.0419.C20.p1.gs	ap2-domain(HMM:3.3e-28)
17651	OJ000450_02.0417.C16.p1.gs	ap2-domain(HMM:1.3e-45)
17652	OJ000450_08.0414.C14.p3.gs	ap2-domain(HMM:4.2e-28)





17738	OJ990311_14.9819.C1.p1.gs	arf(HMM:1.3e-13),b3(HMM:0.00026)
17739	OJ990311_14.9819.C1.p2.gs	arf(HMM:9.6e-14),b3(HMM:5.8e-19)
17740	OJ990515_23.9A07.C8.p1.gs	arf(HMM:8.2e-10),b3(HMM:1.8e-10)
17741	OJ990515_23.9A07.C8.p13.gs	arf(HMM:9.4e-10),b3(HMM:3.5e-07)
17742	OJ990515_23.9A07.C8.p2.gs	arf(HMM:1.3e-13),b3(HMM:0.00026)
17743	OJ990515_23.9A07.C8.p3.gs	arf(HMM:1.3e-12),b3(HMM:3.3e-13)
17744	OJ990529_36.9A05.C5.p2.gs	arf(HMM:3.2e-14),b3(HMM:0.00036)
17745	OJ990708_04.9A01.C8.p7.gs	arf(HMM:3.3e-105),b3(HMM:1.1)
17746	OJ990713_07.0419.C6.p1.gs	arf(HMM:2.9e-134),b3(HMM:1.4e-46)
17747	OJ990730_05.9C17.C17.p1.gs	arf(HMM:4.8e-169),b3(HMM:1.8e-60)
17748	OJ990805_01.9B19.C6.p1.gs	arf(HMM:2.4e-171),b3(HMM:1.8e-60)
17749	OJ990823_06.9B03.C9.p2.gs	arf(HMM:0.068),b3(HMM:5.9e-48)
17750	OJ990920_18.9C06.C29.p1.gs	arf(HMM:0.2),b3(HMM:5.9e-48)
17751	OJ991122_05.0210.C24.p2.gs	arf(HMM:1.3e-12),b3(HMM:3.3e-13)
17752	OJ991122_05.0210.C25.p2.gs	arf(HMM:1.3e-13),b3(HMM:1.5e-18)
17753	OJ991122_05.0303.C19.p2.gs	arf(HMM:1.3e-13),b3(HMM:1.5e-18)
17754	OJ991122_05.0303.C20.p2.gs	arf(HMM:1.3e-12),b3(HMM:3.3e-13)
17755	OJ991122_05.0421.C19.p2.gs	arf(HMM:1.3e-13),b3(HMM:1.5e-18)
17756	OJ991122_05.0421.C20.p2.gs	arf(HMM:1.3e-12),b3(HMM:3.3e-13)
17757	OJ000113_08.0215.C3.p2.gs	arf(HMM:2.4e-95),b3(HMM:0.23),iaa(HMM:3.5e-11)
17758	OJ000113_08.0426.C3.p2.gs	arf(HMM:2.4e-95),b3(HMM:0.23),iaa(HMM:3.5e-11)
17759	OJ000210_11.0302.C11.p1.gs	arf(HMM:2.3e-131),b3(HMM:3.8e-16),iaa(HMM:3.3e-43)
17760	OJ000223_05.0419.C21.p1.gs	arf(HMM:3.3e-92),b3(HMM:6.7e-42),iaa(HMM:0.51)
17761	OJ000223_22.0320.C8.p1.gs	arf(HMM:5.2e-81),b3(HMM:1e-46),iaa(HMM:5.2e-09)
17762	OJ000302_20.0420.C9.p3.gs	arf(HMM:3.3e-92),b3(HMM:6.7e-42),iaa(HMM:0.21)

17763	OJ000310_06.0417.C4.p5.gs	arf(HMM:2.3e-131),b3(HMM:3.8e-16),iaa(HMM:3.3e-43)
17764	OJ990402_08.9922.C31.p3.gs	arf(HMM:3.9e-180),b3(HMM:3.4e-49),iaa(HMM:6.7e-35)
17765	OJ990605_37.9922.C3.p2.gs	arf(HMM:1.7e-158),b3(HMM:3.4e-49),iaa(HMM:6.7e-35)
17766	OJ991109_02.0118.C5.p3.gs	arf(HMM:5.7e-120),b3(HMM:1.1e-43),iaa(HMM:2.9e-14)
17767	OJ991201_03.0310.C7.p4.gs	arf(HMM:7.8e-106),b3(HMM:7e-43),iaa(HMM:9e-05)
17768	OJ991201_03.0421.C6.p5.gs	arf(HMM:3.1e-78),b3(HMM:7e-43),iaa(HMM:2)
17769	OJ991201_03.9C23.C17.p4.gs	arf(HMM:7.8e-106),b3(HMM:7e-43),iaa(HMM:9e-05)
17770	OJ000114_24.0315.C2.p1.gs	arf(HMM:2.4e-95),b3(HMM:0.23),iaa(HMM:3.5e-11),zf-cchc(HMM:0.067)
17771	OJ991208_02.0106.C5.p1.gs	arf(HMM:2.4e-95),b3(HMM:0.23),iaa(HMM:3.5e-11),zf-cchc(HMM:0.067)
17772	OJ000221_16.0403.C7.p1.gs	arid(HMM:8e-05)
17773	OJ000321_33.0424.C30.p1.gs	arid(HMM:0.058)
17774	OJ000330_02.0418.C16.p1.gs	arid(HMM:8e-05)
17775	OJ990406_07.9C10.C14.p1.gs	arid(HMM:0.058)
17776	OJ990531_39.9919.C9.p1.gs	arid(HMM:0.0082)
17777	OJ991117_07.0104.C63.p2.gs	arid(HMM:8e-05)
17778	OJ991117_07.0421.C50.p2.gs	arid(HMM:8e-05)
17779	OJ000105_19.0405.C46.p9.gs	arid(HMM:5e-14),hmg_box(HMM:6.4e-18)
17780	OJ000105_19.0426.C46.p9.gs	arid(HMM:5e-14),hmg_box(HMM:6.4e-18)
17781	OJ000150_22.0124.C89.p3.gs	athook(HMM:0.022)
17782	OJ000208_08.0321.C10.p1.gs	athook(HMM:0.01)
17783	OJ000314_07.0411.C12.p2.gs	athook(HMM:0.099)
17784	OJ000327_20.0419.C54.p1.gs	athook(HMM:0.022)
17785	OJ990406_07.9C10.C20.p4.gs	athook(HMM:0.021)
17786	OJ990502_27.9B05.C5.p3.gs	athook(HMM:0.097)
17787	OJ990531_39.9919.C7.p2.gs	athook(HMM:0.026)
17788	OJ990716_06.9819.C10.p1.gs	athook(HMM:0.0042)
17789	OJ990807_30.9A14.C3.p1.gs	athook(HMM:0.022)
17790	OJ991106_46.9C17.C4.p5.gs	athook(HMM:0.022)
17791	OJ000208_06.0424.C23.p1.gs	b3(HMM:5e-06)
17792	OJ000250_89.0214.C3.p3.gs	b3(HMM:8.7)
17793	OJ000250_89.0214.C6.p2.gs	b3(HMM:3.7e-43)
17794	OJ000301_04.0403.C43.p1.gs	b3(HMM:1.1e-11)
17795	OJ000313_32.0419.C12.p2.gs	b3(HMM:9.6e-39)
17796	OJ000350_09.0323.C8.p2.gs	b3(HMM:1.3e-40)
17797	OJ000450_17.0411.C2.p15.gs	b3(HMM:2.6e-53)



17798	OJ990401_09.9923.C9.p11.gs	b3(HMM:4.6e-06)
17799	OJ990401_09.9923.C9.p12.gs	b3(HMM:3.6e-06)
17800	OJ990527_36.9922.C4.p1.gs	b3(HMM:2.2e-65)
17801	OJ990730_02.9C10.C3.p4.gs	b3(HMM:2.2e-65)
17802	OJ990730_06.0310.C12.p1.gs	b3(HMM:2.2e-65)
17803	OJ990730_06.9921.C35.p1.gs	b3(HMM:2.2e-65)
17804	OJ990808_30.9C10.C13.p2.gs	b3(HMM:2.2e-65)
17805	OJ990823_12.9B01.C10.p1.gs	b3(HMM:2.2e-65)
17806	OJ991015_18.0315.C8.p2.gs	b3(HMM:4.6e-06)
17807	OJ991015_18.0315.C8.p3.gs	b3(HMM:3.4e-06)
17808	OJ991019_09.0211.C3.p1.gs	b3(HMM:5.9e-06)
17809	OJ991019_09.0211.C4.p1.gs	b3(HMM:3.6e-06)
17810	OJ991113_34.0421.C10.p6.gs	b3(HMM:2e-37)
17811	OJ991113_34.9C27.C28.p1.gs	b3(HMM:2e-37)
17812	OJ991122_05.0210.C19.p1.gs	b3(HMM:0.0063)
17813	OJ991122_05.0303.C24.p1.gs	b3(HMM:0.0058)
17814	OJ991122_05.0421.C24.p1.gs	b3(HMM:0.0058)
17815	OJ991215_14.0211.C13.p1.gs	b3(HMM:8.8e-48)
17816	OJ000112_18.0224.C2.p9.gs	bah(HMM:0.0043)
17817	OJ000112_18.0426.C2.p9.gs	bah(HMM:0.0043)
17818	OJ000150_00.0124.C60.p1.gs	bah(HMM:7.5e-82)
17819	OJ000250_16.0419.C8.p5.gs	bah(HMM:1.2)
17820	OJ000301_25.0410.C6.p1.gs	bah(HMM:0.0028)
17821	OJ000314_14.0419.C17.p1.gs	bah(HMM:0.058)
17822	OJ000322_16.0413.C6.p1.gs	bah(HMM:0.078)
17823	OJ000322_16.0413.C9.p1.gs	bah(HMM:0.0031)
17824	OJ000324_01.0424.C39.p1.gs	bah(HMM:0.14)
17825	OJ000324_08.0419.C30.p1.gs	bah(HMM:1.7e-06)
17826	OJ990311_14.9819.C1.p4.gs	bah(HMM:2.9e-84)
17827	OJ990323_15.9A11.C2.p1.gs	bah(HMM:7.5e-82)
17828	OJ990330_05.9819.C89.p1.gs	bah(HMM:0.014)
17829	OJ990515_23.9A07.C6.p1.gs	bah(HMM:2.4e-12)
17830	OJ990528_11.9A03.C13.p2.gs	bah(HMM:0.38)
17831	OJ990528_11.9A03.C69.p1.gs	bah(HMM:0.0028)
17832	OJ990620_35.0114.C2.p1.gs	bah(HMM:0.051)
17833	OJ990729_13.9A05.C3.p1.gs	bah(HMM:0.051)
17834	OJ991114_37.0128.C18.p1.gs	bah(HMM:0.16)
17835	OJ991122_05.0210.C27.p1.gs	bah(HMM:1e-38)
17836	OJ991122_05.0303.C17.p1.gs	bah(HMM:1.9e-41)
17837	OJ991122_05.0421.C17.p1.gs	bah(HMM:1.9e-41)
17838	OJ991215_09.0118.C4.p1.gs	bah(HMM:0.029)
17839	OJ990323_15.9A11.C5.p6.gs	bah(HMM:3.5e-29),phd(HMM:3.3e-14)
17840	OJ990817_03.0218.C5.p3.gs	bah(HMM:1.6e-36),phd(HMM:4.7e-13)
17841	OJ990923_15.9C01.C7.p5.gs	bah(HMM:1.6e-36),phd(HMM:4.7e-13)
17842	OJ991109_09.0421.C1.p4.gs	bah(HMM:0.19),phd(HMM:2.4e-09)
17843	OJ991109_09.9C22.C1.p4.gs	bah(HMM:0.19),phd(HMM:2.4e-09)
17844	OJ991110_09.0222.C14.p3.gs	bah(HMM:0.19),phd(HMM:2.4e-09)
17845	OJ991121_47.9C30.C7.p2.gs	bah(HMM:1.1e-

17846	OJ991208_20.0406.C14.p1.gs	22),phd(HMM:2.4e-09) bah(HMM:2.1e-28),phd(HMM:3.3e-14)
17847	OJ991216_14.0114.C7.p2.gs	bah(HMM:1.6e-36),phd(HMM:4.7e-13)
17848	OJ990419_08.9923.C13.p1.gs	bpf-1(HMM:0.0033)
17849	OJ990419_08.9923.C14.p1.gs	bpf-1(HMM:1.1e-20)
17850	OJ990822_48.0106.C2.p3.gs	bpf-1(HMM:8.9e-10)
17851	OJ000111_15.0217.C3.p2.gs	bromodomain(HMM:7e-26)
17852	OJ000111_15.0426.C3.p2.gs	bromodomain(HMM:7e-26)
17853	OJ000111_17.0229.C13.p1.gs	bromodomain(HMM:0.00018)
17854	OJ000111_17.0229.C25.p1.gs	bromodomain(HMM:1.8e-26)
17855	OJ000111_17.0426.C13.p1.gs	bromodomain(HMM:0.00018)
17856	OJ000111_17.0426.C25.p1.gs	bromodomain(HMM:1.8e-26)
17857	OJ000117_11.0223.C23.p2.gs	bromodomain(HMM:2.1e-19)
17858	OJ000117_11.0223.C9.p1.gs	bromodomain(HMM:1.5e-20)
17859	OJ000117_15.0207.C5.p2.gs	bromodomain(HMM:1.1e-28)
17860	OJ000118_14.0228.C8.p4.gs	bromodomain(HMM:2.7e-32)
17861	OJ000118_14.0331.C7.p4.gs	bromodomain(HMM:2.7e-32)
17862	OJ000207_19.0316.C4.p2.gs	bromodomain(HMM:5.6e-27)
17863	OJC	4:3.4e-27
17864	OJ0	4:4.3e-17
17865	OJ000250_57.0214.C1.p1.gs	bromodomain(HMM:7.5e-29)
17866	OJ000250_57.0310.C1.p1.gs	bromodomain(HMM:7.5e-29)
17867	OJ000301_08.0407.C2.p4.gs	bromodomain(HMM:1.9e-23)
17868	OJ000307_02.0330	bromodomain(HMM:4.3e-17)
17869	OJ000316_22.041	bromodomain(HMM:3.9e-05)
17870	OJ000321_05.04	4:7.5e-29
17871	OJ000327_18.0420.C8.p1.gs	4:6.1e-05
17872	OJ000331_17.0424.C14.p1.gs	4:7.5e-29
17873	OJ000331_17.0426.C13.p1.gs	bromodomain(4:7.5e-29)
17874	OJ990211_02.9819.C35.p1.gs	bromodomain(HMM:4.2e-33)
17875	OJ990211_03.9819.C29.p2.gs	bromodomain(HMM:4.2e-33)
17876	OJ990410_27.9922.C4.p2.gs	bromodomain(HMM:1.5e-23)
17877	OJ990415_01.9922.C1.p1.gs	bromodomain(HMM:1.8)
17878	OJ990415_01.9922.C13.p1.gs	bromodomain(HMM:7.5e-29)
17879	OJ990416_02.9923.C7.p6.gs	bromodomain(HMM:7.5e-29)
17880	OJ990416_05.9A01.C6.p1.gs	bromodomain(HMM:0.16)
17881	OJ990416_06.9819.C32.p6.gs	bromodomain(HMM:4.3e-17)
17882	OJ990524_13.0103.C5.p2.gs	bromodomain(HMM:1.3e-29)
17883	OJ990602_04.0103.C15.p1.gs	bromodomain(HMM:6.1e-05)
17884	OJ990903_13.0225.C11.p1.gs	bromodomain(HMM:1.3e-29)
17885	OJ990923_05.9B16.C7.p6.gs	bromodomain(HMM:4.3e-17)
17886	OJ991021_06.0218.C10.p3.gs	bromodomain(HMM:4.2e-33)
17887	OJ991028_16.0225.C2.p1.gs	bromodomain(HMM:0.33)
17888	OJ991121_46.9C13.C3.p1.gs	bromodomain(HMM:1.1e-28)
17889	OJ991214_16.0111.C11.p6.gs	bromodomain(HMM:1.9e-23)
17890	OJ991216_04.0316.C15.p1.gs	bromodomain(HMM:6.8e-05)
17891	OJ991226_50.0317.C3.p3.gs	bromodomain(HMM:4.2e-33)
17892	OJ000322_14.0424.C8.p3.gs	btb(HMM:0.00017),dpb(HMM:6.9e-05)
17893	OJ000102_54.0426.C53.p1.gs	bzip(HMM:6.2e-14)
17894	OJ000106_07.0222.C7.p2.gs	bzip(HMM:2e-22)
17895	OJ000106_07.0310.C11.p2.gs	bzip(HMM:2e-22)

17896	OJ000106_07.0426.C11.p2.gs	bzip(HMM:2e-22)
17897	OJ000106_16.0207.C26.p2.gs	bzip(HMM:1.5e-18)
17898	OJ000106_16.0426.C26.p2.gs	bzip(HMM:1.5e-18)
17899	OJ000110_04.0426.C37.p1.gs	bzip(HMM:1.7e-22)
17900	OJ000110_13.0222.C15.p4.gs	bzip(HMM:1.6e-13)
17901	OJ000110_13.0426.C15.p4.gs	bzip(HMM:1.6e-13)
17902	OJ000113_11.0225.C12.p1.gs	bzip(HMM:2.9e-13)
17903	OJ000113_21.0317.C10.p1.gs	bzip(HMM:2.7e-11)
17904	OJ000118_07.0215.C1.p2.gs	bzip(HMM:2.6e-07)
17905	OJ000119_08.0302.C5.p1.gs	bzip(HMM:1.7e-06)
17906	OJ000150_00.0124.C48.p1.gs	bzip(HMM:5.6e-18)
17907	OJ000150_01.0124.C24.p1.gs	bzip(HMM:6.2e-14)
17908	OJ000150_01.0124.C39.p1.gs	bzip(HMM:1.1e-06)
17909	OJ000150_20.0124.C2.p3.gs	bzip(HMM:2.6e-07)
17910	OJ000208_12.0417.C12.p1.gs	bzip(HMM:4.1e-11)
17911	OJ000209_01.0301.C12.p1.gs	bzip(HMM:1.3e-11)
17912	OJ000209_02.0314.C46.p2.gs	bzip(HMM:1e-10)
17913	OJ000217_01.0308.C6.p5.gs	bzip(HMM:1.4)
17914	OJ000222_01.0327.C5.p2.gs	bzip(HMM:2e-12)
17915	OJ000229_14.0327.C8.p2.gs	bzip(HMM:3e-11)
17916	OJ000310_32.0419.C5.p2.gs	bzip(HMM:2.5e-05)
17917	OJ000313_04.0414.C5.p11.gs	bzip(HMM:0.21)
17918	OJ000313_06.0419.C16.p10.gs	bzip(HMM:1.2e-16)
17919	OJ000313_31.0421.C4.p1.gs	bzip(HMM:0.00047)
17920	OJ000313_36.0421.C13.p1.gs	bzip(HMM:0.069)
17921	OJ000314_03.0412.C4.p1.gs	bzip(HMM:0.56)
17922	OJ000314_09.0405.C7.p3.gs	bzip(HMM:9.6e-17)
17923	OJ000314_12.0418.C1.p4.gs	bzip(HMM:2.7e-12)
17924	OJ000315_30.0419.C18.p2.gs	bzip(HMM:7.8e-10)
17925	OJ000320_11.0419.C31.p2.gs	bzip(HMM:5.1e-13)
17926	OJ000320_24.0411.C8.p1.gs	bzip(HMM:0.00047)
17927	OJ000322_02.0419.C21.p1.gs	bzip(HMM:2.9e-13)
17928	OJ000322_13.0420.C36.p2.gs	bzip(HMM:1.6e-08)
17929	OJ000323_34.0412.C21.p2.gs	bzip(HMM:1.2e-16)
17930	OJ000323_34.0420.C7.p1.gs	bzip(HMM:1.2e-16)
17931	OJ000324_22.0424.C71.p1.gs	bzip(HMM:0.17)
17932	OJ000330_10.0420.C3.p1.gs	bzip(HMM:0.069)
17933	OJ000331_13.0420.C5.p1.gs	bzip(HMM:1.7e-06)
17934	OJ000350_09.0323.C13.p1.gs	bzip(HMM:1.6e-12)
17935	OJ000350_15.0322.C12.p4.gs	bzip(HMM:2.7e-12)
17936	OJ000350_52.0314.C2.p3.gs	bzip(HMM:5.1e-13)
17937	OJ000350_58.0327.C30.p1.gs	bzip(HMM:1.4e-10)
17938	OJ000450_06.0410.C10.p12.gs	bzip(HMM:1.2e-16)
17939	OJ990304_01.9819.C3.p1.gs	bzip(HMM:7.8e-07)
17940	OJ990310_01.9819.C17.p2.gs	bzip(HMM:5.8e-07)
17941	OJ990311_14.9819.C3.p2.gs	bzip(HMM:6.2e-14)
17942	OJ990318_03.9A03.C6.p1.gs	bzip(HMM:1.1e-10)
17943	OJ990330_14.0103.C7.p6.gs	bzip(HMM:9.1e-14)
17944	OJ990402_30.9819.C6.p3.gs	bzip(HMM:1.6e-11)
17945	OJ990402_31.9C10.C5.p2.gs	bzip(HMM:0.17)
17946	OJ990405_09.9819.C17.p5.gs	bzip(HMM:3.8e-13)
17947	OJ990406_07.9C10.C17.p2.gs	bzip(HMM:3.7e-05)
17948	OJ990421_31.9924.C12.p1.gs	bzip(HMM:7.2e-07)
17949	OJ990421_31.9924.C21.p1.gs	bzip(HMM:0.00048)

17950	OJ990423_11.9924.C1.p1.gs	bzip(HMM:1.7e-05)
17951	OJ990427_01.9A14.C21.p4.gs	bzip(HMM:2.6e-07)
17952	OJ990427_21.0114.C10.p3.gs	bzip(HMM:4.4e-05)
17953	OJ990503_32.9C03.C1.p3.gs	bzip(HMM:2.1e-08)
17954	OJ990518_10.9924.C37.p2.gs	bzip(HMM:2.2e-09)
17955	OJ990518_10.9924.C38.p1.gs	bzip(HMM:0.0011)
17956	OJ990520_03.9C23.C38.p1.gs	bzip(HMM:1e-06)
17957	OJ990604_03.9C03.C40.p1.gs	bzip(HMM:0.069)
17958	OJ990605_41.0225.C3.p3.gs	bzip(HMM:1.7e-22)
17959	OJ990612_35.0103.C7.p5.gs	bzip(HMM:3.1e-07)
17960	OJ990616_09.9C01.C7.p2.gs	bzip(HMM:0.17)
17961	OJ990616_09.9C01.C8.p1.gs	bzip(HMM:2.3e-21)
17962	OJ990617_02.9B01.C92.p1.gs	bzip(HMM:7.6e-05)
17963	OJ990619_50.0211.C2.p1.gs	bzip(HMM:0.087)
17964	OJ990705_39.9919.C11.p5.gs	bzip(HMM:2.6e-07)
17965	OJ990716_06.9819.C18.p2.gs	bzip(HMM:5.2e-13)
17966	OJ990802_12.0218.C9.p3.gs	bzip(HMM:1.4e-14)
17967	OJ990810_04.0303.C31.p4.gs	bzip(HMM:5.2e-08)
17968	OJ990819_16.9B10.C2.p3.gs	bzip(HMM:1.5e-07)
17969	OJ990821_44.9C20.C3.p7.gs	bzip(HMM:0.0079)
17970	OJ990830_03.9B17.C45.p1.gs	bzip(HMM:3.4e-11)
17971	OJ990903_12.9C01.C20.p2.gs	bzip(HMM:1e-11)
17972	OJ990903_18.0103.C5.p9.gs	bzip(HMM:2.6e-06)
17973	OJ990909_05.0223.C12.p1.gs	bzip(HMM:9.4e-15)
17974	OJ990909_08.0222.C22.p1.gs	bzip(HMM:0.00024)
17975	OJ990920_04.9C10.C16.p4.gs	bzip(HMM:0.21)
17976	OJ990922_02.9C17.C34.p1.gs	bzip(HMM:1.2e-05)
17977	OJ991007_03.0421.C8.p3.gs	bzip(HMM:2.7e-11)
17978	OJ991007_03.9C27.C8.p3.gs	bzip(HMM:2.7e-11)
17979	OJ991012_10.0127.C11.p1.gs	bzip(HMM:0.00047)
17980	OJ991027_17.0118.C10.p2.gs	bzip(HMM:0.0012)
17981	OJ991108_12.0404.C11.p2.gs	bzip(HMM:0.0014)
17982	OJ991111_08.0307.C11.p2.gs	bzip(HMM:5.1e-13)
17983	OJ991112_17.9C20.C5.p7.gs	bzip(HMM:1.2e-17)
17984	OJ991119_17.0126.C6.p2.gs	bzip(HMM:2.5e-05)
17985	OJ991122_03.0421.C7.p1.gs	bzip(HMM:3e-11)
17986	OJ991122_03.9C23.C7.p1.gs	bzip(HMM:3e-11)
17987	OJ991202_01.0419.C34.p1.gs	bzip(HMM:0.03)
17988	OJ991216_10.0211.C14.p5.gs	bzip(HMM:0.00047)
17989	OJ991220_10.0118.C5.p4.gs	bzip(HMM:0.069)
17990	OJ000223_05.0419.C14.p2.gs	bzip(HMM:0.074),homeobox(HMM:8.4e-15)
17991	OJ000302_20.0420.C9.p6.gs	bzip(HMM:0.074),homeobox(HMM:8.4e-15)
17992	OJ991117_16.0419.C8.p1.gs	bzip(HMM:7.2e-08),zf-cchc(HMM:5.4e-05)
17993	OJ000113_21.0317.C7.p2.gs	cbfd_nfyb_hmf(HMM:0.048)
17994	OJ000113_23.0214.C4.p10.gs	cbfd_nfyb_hmf(HMM:2.4e-36)
17995	OJ000113_23.0303.C4.p10.gs	cbfd_nfyb_hmf(HMM:2.4e-36)
17996	OJ000122_36.0307.C45.p1.gs	cbfd_nfyb_hmf(HMM:9.5e-05)
17997	OJ000130_34.0419.C15.p2.gs	cbfd_nfyb_hmf(HMM:4.2e-37)
17998	OJ000130_34.0419.C15.p3.gs	cbfd_nfyb_hmf(HMM:2.5e-32)
17999	OJ000209_28.0419.C35.p1.gs	cbfd_nfyb_hmf(HMM:5.4e-21)
18000	OJ000217_16.0403.C13.p2.gs	cbfd_nfyb_hmf(HMM:1.6e-15)

18001	OJ000229_25.0322.C37.p2.gs	cbfd_nfyb_hmf(HMM:1.8e-13)
18002	OJ000250_14.0208.C16.p2.gs	cbfd_nfyb_hmf(HMM:0.048)
18003	OJ000250_84.0214.C9.p4.gs	cbfd_nfyb_hmf(HMM:2.8e-13)
18004	OJ000250_93.0307.C10.p2.gs	cbfd_nfyb_hmf(HMM:9.5e-05)
18005	OJ000303_14.0419.C3.p2.gs	cbfd_nfyb_hmf(HMM:5.5e-06)
18006	OJ000320_16.0419.C20.p2.gs	cbfd_nfyb_hmf(HMM:2e-37)
18007	OJ000323_18.0419.C2.p4.gs	cbfd_nfyb_hmf(HMM:2.8e-13)
18008	OJ000324_19.0419.C6.p1.gs	cbfd_nfyb_hmf(HMM:1.8e-13)
18009	OJ000350_26.0323.C10.p10.gs	cbfd_nfyb_hmf(HMM:3.7e-23)
18010	OJ990402_27.9819.C20.p2.gs	cbfd_nfyb_hmf(HMM:1.6e-26)
18011	OJ990410_20.9922.C2.p1.gs	cbfd_nfyb_hmf(HMM:6.8e-22)
18012	OJ990428_05.9819.C31.p1.gs	cbfd_nfyb_hmf(HMM:0.0015)
18013	OJ990514_12.0103.C34.p2.gs	cbfd_nfyb_hmf(HMM:0.005)
18014	OJ990525_14.9C03.C6.p1.gs	cbfd_nfyb_hmf(HMM:6.9e-23)
18015	OJ990528_11.9A03.C44.p1.gs	cbfd_nfyb_hmf(HMM:1.5e-38)
18016	OJ990619_53.9A29.C4.p1.gs	cbfd_nfyb_hmf(HMM:0.013)
18017	OJ990714_12.0419.C51.p3.gs	cbfd_nfyb_hmf(HMM:0.005)
18018	OJ990721_02.9B16.C15.p1.gs	cbfd_nfyb_hmf(HMM:0.015)
18019	OJ990803_06.9B18.C11.p3.gs	cbfd_nfyb_hmf(HMM:9.4e-36)
18020	OJ990803_06.9B18.C7.p2.gs	cbfd_nfyb_hmf(HMM:7.3e-14)
18021	OJ990817_12.0103.C16.p2.gs	cbfd_nfyb_hmf(HMM:0.047)
18022	OJ990827_03.9C01.C15.p1.gs	cbfd_nfyb_hmf(HMM:2e-37)
18023	OJ990907_08.9B19.C5.p1.gs	cbfd_nfyb_hmf(HMM:5.9e-05)
18024	OJ991029_11.0207.C12.p1.gs	cbfd_nfyb_hmf(HMM:6.8e-22)
18025	OJ991122_12.0229.C3.p6.gs	cbfd_nfyb_hmf(HMM:2.5e-32)
18026	OJ991122_12.0229.C5.p1.gs	cbfd_nfyb_hmf(HMM:4.2e-37)
18027	OJ991201_12.0421.C5.p2.gs	cbfd_nfyb_hmf(HMM:1.7e-24)
18028	OJ991201_12.9C29.C5.p2.gs	cbfd_nfyb_hmf(HMM:1.7e-24)
18029	OJ000214_17.0321.C17.p2.gs	cbfd_nfyb_hmf(HMM:0.03),histone(HMM:3.1e-50)
18030	OJ000214_17.0321.C17.p3.gs	cbfd_nfyb_hmf(HMM:0.03),histone(HMM:1.6e-51)
18031	OJ000221_07.0323.C12.p6.gs	cbfd_nfyb_hmf(HMM:0.04),histone(HMM:5.3e-52)
18032	OJ000250_99.0316.C35.p2.gs	cbfd_nfyb_hmf(HMM:0.03),histone(HMM:1.6e-51)
18033	OJ990324_01.0103.C47.p1.gs	cbfd_nfyb_hmf(HMM:0.03),histone(HMM:1.3e-50)
18034	OJ990721_07.0211.C6.p3.gs	cbfd_nfyb_hmf(HMM:0.041),histone(HMM:2.6e-51)
18035	OJ990816_09.9B19.C1.p3.gs	cbfd_nfyb_hmf(HMM:0.069),histone(HMM:9.5e-52)
18036	OJ991122_19.0330.C1.p7.gs	cbfd_nfyb_hmf(HMM:0.03),histone(HMM:1.3e-50)
18037	OJ000102_79.0301.C3.p2.gs	chromo(HMM:0.087)
18038	OJ000102_79.0414.C3.p2.gs	chromo(HMM:0.087)
18039	OJ000102_79.0426.C3.p2.gs	chromo(HMM:0.087)
18040	OJ000111_12.0313.C1.p3.gs	chromo(HMM:0.0039)
18041	OJ000111_12.0426.C1.p3.gs	chromo(HMM:0.0039)
18042	OJ000250_72.0214.C9.p5.gs	chromo(HMM:0.098)
18043	OJ000251_07.0216.C20.p1.gs	chromo(HMM:0.025)
18044	OJ000309_13.0419.C18.p1.gs	chromo(HMM:0.021)
18045	OJ000330_05.0419.C72.p1.gs	chromo(HMM:0.054)
18046	OJ000330_06.0419.C15.p1.gs	chromo(HMM:0.054)

18047	OJ990311_15.9819.C8.p4.gs	chromo(HMM:0.0016)
18048	OJ990316_17.9819.C5.p6.gs	chromo(HMM:0.0003)
18049	OJ990318_14.9922.C10.p4.gs	chromo(HMM:0.084)
18050	OJ990409_08.9923.C13.p1.gs	chromo(HMM:0.0035)
18051	OJ990409_09.0204.C13.p1.gs	chromo(HMM:0.0035)
18052	OJ990421_24.9C10.C7.p2.gs	chromo(HMM:0.23)
18053	OJ990429_22.9819.C2.p14.gs	chromo(HMM:0.4)
18054	OJ990501_22.9C10.C30.p3.gs	chromo(HMM:0.23)
18055	OJ990517_22.9B05.C15.p4.gs	chromo(HMM:2.3)
18056	OJ990531_40.9C03.C3.p1.gs	chromo(HMM:3.5e-06)
18057	OJ990605_38.9B05.C5.p3.gs	chromo(HMM:0.054)
18058	OJ990808_54.0421.C8.p1.gs	chromo(HMM:0.0066)
18059	OJ990808_54.9C20.C9.p1.gs	chromo(HMM:0.0066)
18060	OJ990817_08.9922.C3.p4.gs	chromo(HMM:0.098)
18061	OJ990820_03.0303.C20.p1.gs	chromo(HMM:0.021)
18062	OJ990824_07.9B18.C20.p4.gs	chromo(HMM:0.087)
18063	OJ990924_17.0211.C23.p4.gs	chromo(HMM:0.0016)
18064	OJ991106_42.0103.C5.p4.gs	chromo(HMM:0.29)
18065	OJ991107_30.0204.C1.p3.gs	chromo(HMM:0.098)
18066	OJ991119_13.0207.C40.p3.gs	chromo(HMM:0.087)
18067	OJ991120_34.0419.C19.p4.gs	chromo(HMM:0.0028)
18068	OJ991201_14.0118.C4.p7.gs	chromo(HMM:0.17)
18069	OJ991211_50.0403.C22.p1.gs	chromo(HMM:0.0028)
18070	OJ000251_48.0228.C31.p4.gs	chromo(HMM:0.9),phd(HMM:0.0031),snf2_n(HMM:3.9e-83)
18071	OJ990318_06.0228.C43.p1.gs	chromo(HMM:0.014),phd(HMM:0.0011),snf2_n(HMM:4.8e-65)
18072	OJ991211_57.0228.C38.p3.gs	chromo(HMM:0.01),phd(HMM:0.0011),snf2_n(HMM:4.5e-83)
18073	OJ000207_17.0306.C16.p1.gs	chromo(HMM:0.012),snf2_n(HMM:0.028)
18074	OJ000207_17.0323.C14.p1.gs	chromo(HMM:0.012),snf2_n(HMM:2e-107)
18075	OJ000404_02.0421.C47.p1.gs	chromo(HMM:4.5e-09),snf2_n(HMM:1.4e-15)
18076	OJ000110_17.0410.C4.p3.gs	chromo(HMM:0.061),zf-cchc(HMM:0.00082)
18077	OJ000110_17.0420.C3.p3.gs	chromo(HMM:0.061),zf-cchc(HMM:0.00082)
18078	OJ000110_17.0426.C3.p3.gs	chromo(HMM:0.061),zf-cchc(HMM:0.00082)
18079	OJ000320_28.0419.C12.p2.gs	csd(HMM:7.7e-15)
18080	OJ000324_26.0412.C2.p1.gs	csd(HMM:7.7e-15)
18081	OJ000324_26.0420.C25.p2.gs	csd(HMM:7.7e-15)
18082	OJ000350_34.0310.C21.p3.gs	csd(HMM:4.2e-12),zf-cchc(HMM:1.1e-16)
18083	OJ990414_07.9B12.C32.p4.gs	csd(HMM:4.7e-11),zf-cchc(HMM:1.1e-16)
18084	OJ990810_15.0216.C22.p7.gs	csd(HMM:1.2e-14),zf-cchc(HMM:1.1e-16)
18085	OJ990810_16.0310.C49.p3.gs	csd(HMM:4.2e-12),zf-cchc(HMM:1.1e-16)
18086	OJ000114_11.0217.C20.p4.gs	dof(HMM:2.3e-35)
18087	OJ000118_11.0307.C7.p2.gs	dof(HMM:1.7e-36)

18088	OJ000150_07.0124.C31.p11.gs	dof(HMM:3.6e-36)
18089	OJ000150_28.0124.C56.p4.gs	dof(HMM:6.6e-36)
18090	OJ000150_28.0323.C56.p4.gs	dof(HMM:6.6e-36)
18091	OJ000250_57.0214.C4.p5.gs	dof(HMM:5.4e-36)
18092	OJ000250_57.0310.C3.p8.gs	dof(HMM:5.4e-36)
18093	OJ000301_03.0404.C7.p1.gs	dof(HMM:8.3e-35)
18094	OJ000310_11.0411.C11.p1.gs	dof(HMM:2.3e-35)
18095	OJ000310_11.0411.C11.p2.gs	dof(HMM:2.3e-35)
18096	OJ000314_08.0411.C11.p9.gs	dof(HMM:2.7e-37)
18097	OJ000324_25.0417.C17.p1.gs	dof(HMM:6.6e-35)
18098	OJ000324_25.0424.C2.p4.gs	dof(HMM:5.4e-36)
18099	OJ000324_25.0426.C2.p4.gs	dof(HMM:5.4e-36)
18100	OJ000324_25.0421.C2.p4.gs	dof(HMM:5.4e-36)
18101	OJ000324_25.0421.C2.p4.gs	dof(HMM:5.4e-36)
18102	OJ000324_25.0421.C2.p4.gs	dof(HMM:5.4e-36)
18103	OJ000324_25.0421.C2.p4.gs	dof(HMM:5.4e-36)
18104	OJ000324_25.0421.C2.p4.gs	dof(HMM:5.4e-36)
18105	OJ000324_25.0421.C2.p4.gs	dof(HMM:5.4e-36)
18106	OJ000324_25.0421.C2.p4.gs	dof(HMM:5.4e-36)
18107	OJ000324_25.0421.C2.p4.gs	dof(HMM:5.4e-36)
18108	OJ000324_25.0421.C2.p4.gs	dof(HMM:5.4e-36)
18109	OJ000324_25.0421.C2.p4.gs	dof(HMM:5.4e-36)
18110	OJ000324_25.0421.C2.p4.gs	dof(HMM:5.4e-36)
18111	OJ000324_25.0421.C2.p4.gs	dof(HMM:5.4e-36)
18112	OJ000324_25.0421.C2.p4.gs	dof(HMM:5.4e-36)
18113	OJ000324_25.0421.C2.p4.gs	dof(HMM:5.4e-36)
18114	OJ000324_25.0421.C2.p4.gs	dof(HMM:5.4e-36)
18115	OJ000324_25.0421.C2.p4.gs	dof(HMM:5.4e-36)
18116	OJ000324_25.0421.C2.p4.gs	dof(HMM:5.4e-36)
18117	OJ000324_25.0421.C2.p4.gs	dof(HMM:5.4e-36)
18118	OJ000324_25.0421.C2.p4.gs	dof(HMM:5.4e-36)
18119	OJ000324_25.0421.C2.p4.gs	dof(HMM:5.4e-36)
18120	OJ000324_25.0421.C2.p4.gs	dof(HMM:5.4e-36)
18121	OJ000324_25.0421.C2.p4.gs	dof(HMM:5.4e-36)
18122	OJ000324_25.0421.C2.p4.gs	dof(HMM:5.4e-36)
18123	OJ000324_25.0421.C2.p4.gs	dof(HMM:5.4e-36)
18124	OJ000324_25.0421.C2.p4.gs	dof(HMM:5.4e-36)
18125	OJ000324_25.0421.C2.p4.gs	dof(HMM:5.4e-36)
18126	OJ000324_25.0421.C2.p4.gs	dof(HMM:5.4e-36)
18127	OJ000324_25.0421.C2.p4.gs	dof(HMM:5.4e-36)
18128	OJ000324_25.0421.C2.p4.gs	dof(HMM:5.4e-36)
18129	OJ000324_25.0421.C2.p4.gs	dof(HMM:5.4e-36)
18130	OJ000324_25.0421.C2.p4.gs	dof(HMM:5.4e-36)
18131	OJ000324_25.0421.C2.p4.gs	dof(HMM:5.4e-36)
18132	OJ000324_25.0421.C2.p4.gs	dof(HMM:5.4e-36)
18133	OJ000324_25.0421.C2.p4.gs	dof(HMM:5.4e-36)
18134	OJ000324_25.0421.C2.p4.gs	dof(HMM:5.4e-36)
18135	OJ000324_25.0421.C2.p4.gs	dof(HMM:5.4e-36)
18136	OJ000324_25.0421.C2.p4.gs	dof(HMM:5.4e-36)
18137	OJ000324_25.0421.C2.p4.gs	dof(HMM:5.4e-36)
18138	OJ000324_25.0421.C2.p4.gs	dof(HMM:5.4e-36)
18139	OJ000324_25.0421.C2.p4.gs	dof(HMM:5.4e-36)
18140	OJ000324_25.0421.C2.p4.gs	dof(HMM:5.4e-36)
18141	OJ000324_25.0421.C2.p4.gs	dof(HMM:5.4e-36)

18142	OJ990323_24.9B12.C9.p1.gs	enbp(HMM:3.4e-201)
18143	OJ990730_11.9B08.C5.p3.gs	enbp(HMM:9e-219)
18144	OJ990802_13.9920.C2.p3.gs	enbp(HMM:0.047)
18145	OJ990802_13.9920.C3.p1.gs	enbp(HMM:2.9e-11)
18146	OJ990808_58.0103.C16.p1.gs	enbp(HMM:2.2e-14)
18147	OJ000110_04.0426.C10.p2.gs	gata(HMM:0.44)
18148	OJ000118_20.0222.C15.p2.gs	gata(HMM:2.8e-15)
18149	OJ000150_12.0124.C34.p1.gs	gata(HMM:3.7e-15)
18150	OJ000208_10.0331.C30.p1.gs	gata(HMM:0.13)
18151	OJ000209_08.0309.C5.p3.gs	gata(HMM:0.048)
18152	OJ000210_06.0306.C13.p1.gs	gata(HMM:3.3e-36)
18153	OJ000214_09.0321.C2.p2.gs	gata(HMM:0.00034)
18154	OJ000222_20.0403.C2.p1.gs	gata(HMM:1.3e-05)
18155	OJ000302_08.0410.C8.p11.gs	gata(HMM:4.9e-17)
18156	OJ990323_29.9A15.C6.p6.gs	gata(HMM:5.9e-16)
18157	OJ990407_07.9922.C18.p1.gs	gata(HMM:5.7e-09)
18158	OJ990410_27.9922.C3.p3.gs	gata(HMM:1.9e-16)
18159	OJ990503_28.9924.C3.p1.gs	gata(HMM:2.8e-18)
18160	OJ990503_29.9919.C7.p3.gs	gata(HMM:5.4e-16)
18161	OJ990605_39.0420.C9.p3.gs	gata(HMM:4.5e-15)
18162	OJ990605_39.9921.C29.p1.gs	gata(HMM:4.5e-15)
18163	OJ990605_41.0225.C5.p7.gs	gata(HMM:3.9e-17)
18164	OJ990612_46.9903.C3.p2.gs	gata(HMM:4.5e-15)
18165	OJ990617_11.9B19.C12.p2.gs	gata(HMM:0.00034)
18166	OJ990709_14.9B05.C7.p8.gs	gata(HMM:5.9e-16)
18167	OJ990730_03.9C10.C8.p4.gs	gata(HMM:0.0015)
18168	OJ990803_12.0103.C5.p2.gs	gata(HMM:1.5)
18169	OJ990810_08.0103.C11.p2.gs	gata(HMM:5.4e-16)
18170	OJ990822_52.0128.C16.p2.gs	gata(HMM:2.2e-15)
18171	OJ990825_16.0303.C16.p2.gs	gata(HMM:0.001)
18172	OJ990903_01.9B08.C6.p1.gs	gata(HMM:1.2e-11)
18173	OJ990914_05.9B19.C6.p3.gs	gata(HMM:3.7e-15)
18174	OJ990915_16.9A18.C8.p1.gs	gata(HMM:0.008)
18175	OJ990924_06.9C01.C6.p1.gs	gata(HMM:2e-13)
18176	OJ991102_02.0223.C19.p2.gs	gata(HMM:0.00034)
18177	OJ991120_31.0103.C10.p1.gs	gata(HMM:5.7e-09)
18178	OJ991217_07.0114.C4.p1.gs	gata(HMM:5.7e-09)
18179	OJ991217_14.0118.C2.p2.gs	gata(HMM:5.9e-16)
18180	OJ000112_10.0210.C18.p2.gs	gld-tea(HMM:0.00037)
18181	OJ000112_10.0426.C18.p2.gs	gld-tea(HMM:0.00037)
18182	OJ000121_09.0323.C3.p1.gs	gld-tea(HMM:3.4e-32)
18183	OJ000122_31.0321.C19.p1.gs	gld-tea(HMM:1.1e-36)
18184	OJ000203_01.0222.C13.p1.gs	gld-tea(HMM:0.067)
18185	OJ000208_22.0323.C4.p1.gs	gld-tea(HMM:0.0013)
18186	OJ000208_25.0419.C36.p2.gs	gld-tea(HMM:1.7e-41)
18187	OJ000217_01.0308.C1.p1.gs	gld-tea(HMM:2.1e-35)
18188	OJ000223_02.0405.C6.p9.gs	gld-tea(HMM:2.8e-31)
18189	OJ000224_10.0403.C18.p2.gs	gld-tea(HMM:3.7e-13)
18190	OJ000301_18.0330.C13.p2.gs	gld-tea(HMM:0.0028)
18191	OJ000301_18.0330.C14.p1.gs	gld-tea(HMM:1.3e-32)
18192	OJ000301_24.0403.C8.p2.gs	gld-tea(HMM:1.1e-36)
18193	OJ000302_11.0403.C6.p1.gs	gld-tea(HMM:0.036)
18194	OJ000302_27.0419.C18.p1.gs	gld-tea(HMM:3.5e-29)
18195	OJ000306_08.0419.C54.p1.gs	gld-tea(HMM:0.21)



18196	OJ000324_21.0420.C15.p1.gs	gld-tea(HMM:3.4e-32)
18197	OJ000324_23.0420.C82.p2.gs	gld-tea(HMM:4.6e-09)
18198	OJ000331_01.0419.C14.p2.gs	gld-tea(HMM:8.3e-35)
18199	OJ000350_33.0314.C7.p1.gs	gld-tea(HMM:1.7e-29)
18200	OJ000350_52.0314.C10.p1.gs	gld-tea(HMM:0.0058)
18201	OJ000403_28.0424.C3.p7.gs	gld-tea(HMM:8.2e-32)
18202	OJ990304_01.9819.C2.p1.gs	gld-tea(HMM:0.0058)
18203	OJ990319_11.0419.C5.p3.gs	gld-tea(HMM:0.0016)
18204	OJ990319_11.9524.C24.p3.gs	gld-tea(HMM:0.0058)
18205	OJ990402_21.9819.C29.p1.gs	gld-tea(HMM:1.1e-36)
18206	OJ990419_11.9923.C13.p1.gs	gld-tea(HMM:0.63)
18207	OJ990419_11.9923.C14.p1.gs	gld-tea(HMM:0.002)
18208	OJ990527_26.9C10.C8.p1.gs	gld-tea(HMM:8.6e-32)
18209	OJ990619_52.0211.C11.p5.gs	gld-tea(HMM:2.2e-32)
18210	OJ990712_05.9919.C3.p3.gs	gld-tea(HMM:1.3e-32)
18211	OJ990712_05.9919.C4.p3.gs	gld-tea(HMM:1.6e-05)
18212	OJ990714_13.9B05.C13.p4.gs	gld-tea(HMM:3.4e-32)
18213	OJ990716_01.9A11.C2.p2.gs	gld-tea(HMM:4.4e-25)
18214	OJ990720_10.9C17.C21.p2.gs	gld-tea(HMM:0.0015)
18215	OJ990728_08.0114.C13.p2.gs	gld-tea(HMM:0.0016)
18216	OJ990729_07.0110.C19.p1.gs	gld-tea(HMM:3.4e-32)
18217	OJ990821_56.9C20.C17.p2.gs	gld-tea(HMM:5.7e-08)
18218	OJ990830_10.9C13.C13.p1.gs	gld-tea(HMM:1.9e-32)
18219	OJ990916_14.0103.C9.p3.gs	gld-tea(HMM:8.2e-32)
18220	OJ990916_15.9B22.C51.p1.gs	gld-tea(HMM:0.17)
18221	OJ990917_09.9A29.C20.p1.gs	gld-tea(HMM:0.0025)
18222	OJ991107_35.0421.C13.p2.gs	gld-tea(HMM:6.8e-27)
18223	OJ991107_35.9C20.C12.p2.gs	gld-tea(HMM:6.8e-27)
18224	OJ991107_37.0113.C63.p2.gs	gld-tea(HMM:6.8e-31)
18225	OJ991107_37.0421.C63.p2.gs	gld-tea(HMM:6.8e-31)
18226	OJ991113_35.0112.C2.p6.gs	gld-tea(HMM:0.036)
18227	OJ991122_09.0330.C3.p1.gs	gld-tea(HMM:3.4e-19)
18228	OJ991122_10.0419.C40.p1.gs	gld-tea(HMM:7.3e-39)
18229	OJ991214_07.0114.C6.p3.gs	gld-tea(HMM:6.8e-31)
18230	OJ991217_10.0218.C4.p8.gs	gld-tea(HMM:0.0015)
18231	OJ991226_49.0317.C6.p1.gs	gld-tea(HMM:0.0072)
18232	OJ000323_38.0418.C14.p5.gs	gld-tea(HMM:0.062),myb_dna-binding(HMM:1.1e-12)
18233	OJ990520_01.9B12.C33.p1.gs	gld-tea(HMM:0.062),myb_dna-binding(HMM:1.1e-12)
18234	OJ990730_08.9C10.C3.p2.gs	gld-tea(HMM:0.062),myb_dna-binding(HMM:1.1e-12)
18235	OJ990820_14.0223.C19.p1.gs	gld-tea(HMM:0.0094),myb_dna-binding(HMM:1.8e-13)
18236	OJ000216_09.0330.C8.p3.gs	gld-tea(HMM:0.00036),response_reg(HMM:0.00057)
18237	OJ000251_22.0403.C12.p3.gs	gld-tea(HMM:0.00036),response_reg(HMM:0.00057)
18238	OJ000404_02.0421.C26.p1.gs	gld-tea(HMM:1.8e-27),response_reg(HMM:4.7e-34)
18239	OJ990501_20.9819.C2.p2.gs	gld-tea(HMM:0.00036),response_reg

18240	OJ990701_01.9919.C5.p3.gs	(HMM:1.1e-18) gld-tea(HMM:1.8e-06),response_reg(HMM:1.4e-33)
18241	OJ000321_24.0419.C22.p1.gs	hhh(HMM:3.7e-08)
18242	OJ000122_66.0419.C16.p1.gs	hist_deacetyl(HMM:8.8e-23)
18243	OJ000122_66.0419.C4.p1.gs	hist_deacetyl(HMM:8.8e-11)
18244	OJ000210_14.0404.C28.p3.gs	hist_deacetyl(HMM:5.3e-131)
18245	OJ000250_51.0211.C7.p3.gs	hist_deacetyl(HMM:3.3e-99)
18246	OJ000307_27.0419.C16.p3.gs	hist_deacetyl(HMM:1e-125)
18247	OJ000314_36.0419.C12.p2.gs	hist_deacetyl(HMM:1.3e-09)
18248	OJ000350_38.0313.C18.p2.gs	hist_deacetyl(HMM:2.9e-86)
18249	OJ000403_18.0419.C17.p2.gs	hist_deacetyl(HMM:1e-125)
18250	OJ990427_24.9922.C4.p2.gs	hist_deacetyl(HMM:8.3e-54)
18251	OJ990427_24.9922.C5.p4.gs	hist_deacetyl(HMM:1.2e-50)
18252	OJ990427_27.9922.C4.p4.gs	hist_deacetyl(HMM:1.5e-76)
18253	OJ990504_03.0419.C129.p1.gs	hist_deacetyl(HMM:4.8e-06)
18254	OJ990520_23.0103.C9.p1.gs	hist_deacetyl(HMM:1.2e-114)
18255	OJ991008_18.0106.C9.p2.gs	hist_deacetyl(HMM:5.5e-125)
18256	OJ991106_37.0419.C17.p1.gs	hist_deacetyl(HMM:4.2e-05)
18257	OJ000114_27.0419.C27.p1.gs	histone(HMM:1e-34)
18258	OJ000214_10.0404.C1.p1.gs	histone(HMM:4.2e-45)
18259	OJ000214_13.0320.C12.p2.gs	histone(HMM:4.2e-45)
18260	OJ000214_13.0320.C15.p1.gs	histone(HMM:1.6e-44)
18261	OJ000217_16.0403.C17.p3.gs	histone(HMM:2.5e-46)
18262	OJ000223_11.0405.C25.p1.gs	histone(HMM:0.0011)
18263	OJ000251_33.0331.C27.p1.gs	histone(HMM:2.8e-40)
18264	OJ000251_33.0331.C30.p2.gs	histone(HMM:4.2e-45)
18265	OJ000301_03.0404.C12.p2.gs	histone(HMM:2e-47)
18266	OJ000302_09.0414.C4.p3.gs	histone(HMM:4.1e-19)
18267	OJ000310_11.0411.C19.p1.gs	histone(HMM:9.7e-45)
18268	OJ000310_11.0420.C7.p2.gs	histone(HMM:1.9e-12)
18269	OJ000310_23.0419.C46.p1.gs	histone(HMM:1.3e-46)
18270	OJ000310_29.0412.C29.p1.gs	histone(HMM:6.8e-46)
18271	OJ000310_29.0412.C34.p1.gs	histone(HMM:2.1e-46)
18272	OJ000310_29.0412.C46.p2.gs	histone(HMM:1.9e-46)
18273	OJ000310_29.0412.C58.p2.gs	histone(HMM:2.8e-45)
18274	OJ000310_29.0420.C19.p2.gs	histone(HMM:2.1e-46)
18275	OJ000310_29.0420.C45.p2.gs	histone(HMM:1.9e-46)
18276	OJ000310_29.0420.C52.p2.gs	histone(HMM:2.8e-45)
18277	OJ000310_29.0420.C8.p1.gs	histone(HMM:3.7e-46)
18278	OJ000320_11.0419.C32.p1.gs	histone(HMM:5.3)
18279	OJ000330_11.0419.C49.p1.gs	histone(HMM:9e-48)
18280	OJ000350_52.0314.C2.p4.gs	histone(HMM:3e-10)
18281	OJ000403_16.0419.C7.p1.gs	histone(HMM:2e-47)
18282	OJ000404_22.0424.C15.p3.gs	histone(HMM:2.3e-43)
18283	OJ000450_12.0410.C1.p10.gs	histone(HMM:4.1e-19)
18284	OJ990105_06.9819.C16.p1.gs	histone(HMM:6.1e-06)
18285	OJ990304_01.9819.C8.p2.gs	histone(HMM:1.2e-14)
18286	OJ990316_13.9819.C11.p4.gs	histone(HMM:4.1e-19)
18287	OJ990428_07.9C10.C2.p3.gs	histone(HMM:1.9e-46)
18288	OJ990428_07.9C10.C24.p1.gs	histone(HMM:8.4e-25)
18289	OJ990428_07.9C10.C52.p2.gs	histone(HMM:2.8e-45)
18290	OJ990428_20.9924.C16.p2.gs	histone(HMM:4.1e-19)
18291	OJ990429_12.9819.C28.p1.gs	histone(HMM:2.5e-11)



18346	OJ000118_22.0309.C22.p3.gs	hlh(HMM:0.0047)
18347	OJ000118_22.0309.C8.p3.gs	hlh(HMM:2.9e-10)
18348	OJ000120_01.0417.C3.p2.gs	hlh(HMM:4.6e-08)
18349	OJ000121_08.0306.C2.p1.gs	hlh(HMM:2e-11)
18350	OJ000150_26.0317.C3.p5.gs	hlh(HMM:1.7e-10)
18351	OJ000204_09.0306.C6.p1.gs	hlh(HMM:0.12)
18352	OJ000207_08.0302.C12.p1.gs	hlh(HMM:1.5e-06)
18353	OJ000209_18.0313.C4.p1.gs	hlh(HMM:0.0048)
18354	OJ000210_11.0302.C3.p2.gs	hlh(HMM:2.3e-05)
18355	OJ000211_12.0419.C23.p1.gs	hlh(HMM:5.6e-15)
18356	OJ000211_12.0419.C6.p4.gs	hlh(HMM:2.9e-15)
18357	OJ000214_02.0321.C14.p1.gs	hlh(HMM:2e-11)
18358	OJ000216_09.0330.C6.p2.gs	hlh(HMM:4.7e-07)
18359	OJ000217_04.0419.C9.p1.gs	hlh(HMM:2.9e-10)
18360	OJ000217_15.0419.C27.p5.gs	hlh(HMM:0.064)
18361	OJ000222_01.0327.C14.p4.gs	hlh(HMM:2.5e-10)
18362	OJ000222_07.0328.C5.p2.gs	hlh(HMM:1.5e-07)
18363	OJ000222_19.0322.C16.p1.gs	hlh(HMM:6.1e-12)
18364	OJ000223_22.0320.C11.p2.gs	hlh(HMM:7.4e-16)
18365	OJ000250_01.0308.C9.p4.gs	hlh(HMM:1.1e-11)
18366	OJ000250_01.0414.C2.p6.gs	hlh(HMM:1.1e-11)
18367	OJ000250_03.0208.C4.p4.gs	hlh(HMM:8.2e-16)
18368	OJ000250_03.0208.C8.p2.gs	hlh(HMM:3.5e-16)
18369	OJ000250_03.0420.C4.p4.gs	hlh(HMM:8.2e-16)
18370	OJ000250_03.0420.C8.p2.gs	hlh(HMM:3.5e-16)
18371	OJ000250_09.0209.C23.p7.gs	hlh(HMM:9.1e-10)
18372	OJ000251_22.0403.C9.p3.gs	hlh(HMM:4.7e-07)
18373	OJ000251_40.0303.C19.p1.gs	hlh(HMM:6.4)
18374	OJ000251_40.0303.C24.p2.gs	hlh(HMM:0.0035)
18375	OJ000302_01.0405.C26.p3.gs	hlh(HMM:1.2e-09)
18376	OJ000303_28.0419.C14.p1.gs	hlh(HMM:1e-15)
18377	OJ000308_05.0406.C9.p1.gs	hlh(HMM:1.2e-09)
18378	OJ000310_03.0419.C11.p1.gs	hlh(HMM:0.012)
18379	OJ000310_06.0417.C7.p2.gs	hlh(HMM:2.3e-05)
18380	OJ000310_26.0406.C5.p3.gs	hlh(HMM:1.7e-11)
18381	OJ000314_30.0419.C3.p1.gs	hlh(HMM:1.8e-12)
18382	OJ000314_31.0419.C3.p1.gs	hlh(HMM:0.012)
18383	OJ000314_35.0419.C3.p1.gs	hlh(HMM:4.6e-08)
18384	OJ000315_34.0407.C13.p1.gs	hlh(HMM:0.008)
18385	OJ000315_34.0420.C7.p1.gs	hlh(HMM:0.008)
18386	OJ000315_39.0424.C17.p3.gs	hlh(HMM:8.2e-08)
18387	OJ000316_01.0413.C4.p3.gs	hlh(HMM:1.4e-16)
18388	OJ000321_12.0419.C18.p1.gs	hlh(HMM:1.8e-13)
18389	OJ000322_05.0419.C4.p2.gs	hlh(HMM:1.4e-10)
18390	OJ000322_06.0424.C21.p1.gs	hlh(HMM:2.3e-07)
18391	OJ000328_18.0419.C36.p1.gs	hlh(HMM:7.4e-13)
18392	OJ000329_12.0419.C30.p1.gs	hlh(HMM:2.4e-17)
18393	OJ000330_29.0419.C51.p1.gs	hlh(HMM:0.0048)
18394	OJ000330_39.0420.C8.p2.gs	hlh(HMM:2.1e-12)
18395	OJ000331_08.0419.C12.p1.gs	hlh(HMM:0.038)
18396	OJ000331_27.0424.C18.p1.gs	hlh(HMM:0.012)
18397	OJ000350_06.0403.C19.p1.gs	hlh(HMM:7.4e-16)
18398	OJ000350_30.0314.C10.p8.gs	hlh(HMM:2e-11)
18399	OJ000350_39.0314.C3.p8.gs	hlh(HMM:0.038)

18400	OJ000350_69.0406.C37.p1.gs	hlh(HMM:2.8e-09)
18401	OJ000403_05.0419.C7.p1.gs	hlh(HMM:2.8e-10)
18402	OJ000404_02.0421.C15.p1.gs	hlh(HMM:1e-06)
18403	OJ000404_33.0424.C24.p1.gs	hlh(HMM:7.4e-16)
18404	OJ000450_01.0419.C28.p4.gs	hlh(HMM:9.3e-09)
18405	OJ000450_05.0419.C14.p1.gs	hlh(HMM:2.3e-06)
18406	OJ990301_09.9819.C4.p2.gs	hlh(HMM:8e-08)
18407	OJ990303_10.0420.C47.p1.gs	hlh(HMM:0.56)
18408	OJ990303_10.9819.C29.p2.gs	hlh(HMM:0.56)
18409	OJ990310_04.9819.C26.p4.gs	hlh(HMM:0.038)
18410	OJ990311_14.9819.C2.p5.gs	hlh(HMM:0.00077)
18411	OJ990312_01.9A01.C13.p1.gs	hlh(HMM:5.6e-15)
18412	OJ990312_01.9A01.C23.p1.gs	hlh(HMM:2.9e-15)
18413	OJ990316_17.9819.C5.p10.gs	hlh(HMM:1.8e-10)
18414	OJ990317_04.0128.C39.p1.gs	hlh(HMM:3.1e-07)
18415	OJ990323_07.9A06.C33.p1.gs	hlh(HMM:0.0018)
18416	OJ990407_03.0420.C20.p1.gs	hlh(HMM:4.6e-08)
18417	OJ990407_11.9922.C18.p2.gs	hlh(HMM:4.6e-08)
18418	OJ990419_05.9B05.C27.p4.gs	hlh(HMM:1.2e-09)
18419	OJ990428_25.9819.C3.p1.gs	hlh(HMM:0.023)
18420	OJ990428_25.9819.C4.p3.gs	hlh(HMM:0.072)
18421	OJ990430_06.9C03.C54.p2.gs	hlh(HMM:1.2e-09)
18422	OJ990501_24.9C03.C3.p1.gs	hlh(HMM:2.1e-11)
18423	OJ990501_28.9922.C2.p3.gs	hlh(HMM:0.0041)
18424	OJ990502_31.9A15.C12.p1.gs	hlh(HMM:1.1e-11)
18425	OJ990503_05.9B12.C35.p1.gs	hlh(HMM:0.77)
18426	OJ990528_06.9C03.C30.p1.gs	hlh(HMM:2e-11)
18427	OJ990619_50.0211.C30.p1.gs	hlh(HMM:0.092)
18428	OJ990626_47.9922.C12.p1.gs	hlh(HMM:3.1e-11)
18429	OJ990626_47.9922.C19.p1.gs	hlh(HMM:0.31)
18430	OJ990722_05.9A06.C10.p1.gs	hlh(HMM:0.013)
18431	OJ990804_01.9C17.C37.p2.gs	hlh(HMM:1.5e-11)
18432	OJ990804_01.9C17.C37.p6.gs	hlh(HMM:2.4e-17)
18433	OJ990809_01.0303.C27.p1.gs	hlh(HMM:6.4)
18434	OJ990809_01.0303.C32.p2.gs	hlh(HMM:0.0035)
18435	OJ990818_04.9A01.C4.p2.gs	hlh(HMM:6.8e-11)
18436	OJ990821_59.9C23.C13.p1.gs	hlh(HMM:8.4e-16)
18437	OJ990822_52.0128.C2.p4.gs	hlh(HMM:2.6e-08)
18438	OJ990826_02.9B04.C10.p1.gs	hlh(HMM:1.1e-11)
18439	OJ990907_10.0128.C14.p1.gs	hlh(HMM:7.4e-16)
18440	OJ990908_01.0218.C3.p5.gs	hlh(HMM:2.8e-10)
18441	OJ990915_17.9C23.C17.p1.gs	hlh(HMM:3.8e-12)
18442	OJ991013_07.0223.C22.p1.gs	hlh(HMM:1e-15)
18443	OJ991013_07.0317.C13.p3.gs	hlh(HMM:1e-15)
18444	OJ991020_06.0215.C16.p2.gs	hlh(HMM:2.6e-12)
18445	OJ991020_06.0303.C13.p2.gs	hlh(HMM:2.6e-12)
18446	OJ991102_06.0120.C5.p3.gs	hlh(HMM:6.3e-13)
18447	OJ991107_44.0421.C5.p2.gs	hlh(HMM:2.3e-14)
18448	OJ991107_44.9C27.C5.p2.gs	hlh(HMM:2.3e-14)
18449	OJ991112_08.0421.C7.p2.gs	hlh(HMM:8e-08)
18450	OJ991112_08.9C22.C7.p2.gs	hlh(HMM:8e-08)
18451	OJ991112_13.0110.C6.p5.gs	hlh(HMM:2.1e-12)
18452	OJ991117_06.0419.C10.p1.gs	hlh(HMM:0.0022)
18453	OJ991117_15.0331.C12.p3.gs	hlh(HMM:0.00038)

18454	OJ991202_07.0421.C6.p9.gs	hlh(HMM:2.9e-15)
18455	OJ991202_07.9C30.C7.p8.gs	hlh(HMM:2.9e-15)
18456	OJ991208_01.0110.C10.p8.gs	hlh(HMM:6.3e-13)
18457	OJ991208_04.0128.C20.p1.gs	hlh(HMM:3.5e-05)
18458	OJ991210_01.0110.C3.p3.gs	hlh(HMM:0.0018)
18459	OJ991226_32.0308.C16.p1.gs	hlh(HMM:4.9e-10)
18460	OJ991226_45.0419.C5.p2.gs	hlh(HMM:4.6e-08)
18461	OJ991226_50.0317.C22.p3.gs	hlh(HMM:2e-07)
18462	OJ990808_40.0419.C3.p1.gs	hlh_e2f(2.3e-07)
18463	OJ990818_07.9920.C6.p5.gs	hlh_e2f(9.1e-07)
18464	OJ990823_03.9B19.C7.p1.gs	hlh_e2f(7.5e-07)
18465	OJ990907_02.9B19.C4.p1.gs	hlh_e2f(3.1e-08)
18466	OJ991214_12.0114.C3.p3.gs	hlh_e2f(8.5e-08)
18467	OJ000207_07.0224.C7.p6.gs	hmg_box(HMM:3.6e-11)
18468	OJ000302_07.0407.C9.p1.gs	hmg_box(HMM:8.5e-23)
18469	OJ000307_28.0417.C11.p4.gs	hmg_box(HMM:2.7e-09)
18470	OJ000315_22.0413.C17.p1.gs	hmg_box(HMM:1.7e-25)
18471	OJ000315_22.0420.C22.p1.gs	hmg_box(HMM:1.7e-25)
18472	OJ000316_21.0424.C41.p1.gs	hmg_box(HMM:0.03)
18473	OJ000316_26.0419.C70.p1.gs	hmg_box(HMM:1.7e-29)
18474	OJ000316_28.0418.C67.p1.gs	hmg_box(HMM:1.7e-29)
18475	OJ000330_14.0419.C29.p1.gs	hmg_box(HMM:0.00046)
18476	OJ000113_04.0302.C7.p5.gs	homeobox(HMM:4.5e-07)
18477	OJ000113_04.0426.C7.p5.gs	homeobox(HMM:4.5e-07)
18478	OJ000114_24.0315.C2.p4.gs	homeobox(HMM:0.014)
18479	OJ000150_28.0124.C57.p1.gs	homeobox(HMM:4.3e-19)
18480	OJ000150_28.0323.C57.p1.gs	homeobox(HMM:4.3e-19)
18481	OJ000150_30.0124.C55.p5.gs	homeobox(HMM:3.1e-14)
18482	OJ000150_30.0323.C55.p5.gs	homeobox(HMM:3.1e-14)
18483	OJ000210_26.0317.C14.p1.gs	homeobox(HMM:6e-15)
18484	OJ000211_10.0403.C3.p8.gs	homeobox(HMM:2.4)
18485	OJ000223_03.0330.C7.p1.gs	homeobox(HMM:2.2e-15)
18486	OJ000223_19.0403.C4.p2.gs	homeobox(HMM:0.098)
18487	OJ000250_01.0308.C13.p2.gs	homeobox(HMM:6.9e-20)
18488	OJ000250_01.0414.C13.p3.gs	homeobox(HMM:6.9e-20)
18489	OJ000250_28.0208.C13.p3.gs	homeobox(HMM:6.9e-20)
18490	OJ000250_46.0211.C15.p3.gs	homeobox(HMM:1.8e-18)
18491	OJ000250_46.0303.C13.p2.gs	homeobox(HMM:1.8e-18)
18492	OJ000250_75.0211.C6.p4.gs	homeobox(HMM:4.1e-11)
18493	OJ000251_47.0320.C3.p1.gs	homeobox(HMM:0.063)
18494	OJ000307_28.0417.C6.p1.gs	homeobox(HMM:0.065)
18495	OJ000310_04.0419.C5.p1.gs	homeobox(HMM:8.9e-13)
18496	OJ000310_08.0419.C22.p1.gs	homeobox(HMM:1.6e-20)
18497	OJ000310_08.0419.C38.p1.gs	homeobox(HMM:8e-20)
18498	OJ000314_03.0412.C12.p5.gs	homeobox(HMM:7.6e-09)
18499	OJ000314_08.0414.C5.p1.gs	homeobox(HMM:4e-22)
18500	OJ000315_19.0413.C2.p2.gs	homeobox(HMM:2.3e-17)
18501	OJ000321_19.0419.C20.p1.gs	homeobox(HMM:4.3e-19)
18502	OJ000321_31.0411.C6.p4.gs	homeobox(HMM:0.063)
18503	OJ000321_40.0419.C14.p3.gs	homeobox(HMM:6.9e-20)
18504	OJ000330_27.0421.C5.p1.gs	homeobox(HMM:0.098)
18505	OJ990203_05.9819.C19.p5.gs	homeobox(HMM:5.5e-19)
18506	OJ990312_14.9819.C8.p1.gs	homeobox(HMM:0.051)
18507	OJ990315_09.0128.C13.p1.gs	homeobox(HMM:8e-20)

18508	OJ990315_09.0128.C20.p2.gs	homeobox(HMM:1.6e-20)
18509	OJ990315_09.0421.C13.p1.gs	homeobox(HMM:8e-20)
18510	OJ990315_09.0421.C19.p2.gs	homeobox(HMM:1.6e-20)
18511	OJ990331_01.9922.C10.p1.gs	homeobox(HMM:5.5e-15)
18512	OJ990520_01.9B12.C29.p2.gs	homeobox(HMM:2.1e-17)
18513	OJ990526_09.9924.C10.p1.gs	homeobox(HMM:4.1e-11)
18514	OJ990527_26.9C10.C2.p6.gs	homeobox(HMM:0.074)
18515	OJ990530_35.0103.C54.p1.gs	homeobox(HMM:1e-19)
18516	OJ990530_35.0421.C53.p1.gs	homeobox(HMM:1e-19)
18517	OJ990602_12.0421.C6.p1.gs	homeobox(HMM:4.2e-18)
18518	OJ990602_12.9C22.C8.p1.gs	homeobox(HMM:4.2e-18)
18519	OJ990630_11.9B15.C6.p6.gs	homeobox(HMM:5.7e-20)
18520	OJ990730_06.0310.C30.p3.gs	homeobox(HMM:1e-19)
18521	OJ990730_08.9C10.C3.p6.gs	homeobox(HMM:2.1e-17)
18522	OJ990805_01.9B19.C9.p1.gs	homeobox(HMM:8.9e-13)
18523	OJ990810_06.9922.C3.p6.gs	homeobox(HMM:1e-19)
18524	OJ990825_16.0303.C9.p1.gs	homeobox(HMM:0.051)
18525	OJ990921_14.0308.C6.p2.gs	homeobox(HMM:6.9e-20)
18526	OJ990923_14.0228.C79.p2.gs	homeobox(HMM:7.8e-19)
18527	OJ990924_11.0103.C1.p1.gs	homeobox(HMM:3.1e-14)
18528	OJ991022_14.0119.C3.p2.gs	homeobox(HMM:0.058)
18529	OJ991028_10.0118.C10.p1.gs	homeobox(HMM:1e-19)
18530	OJ991102_06.0120.C7.p4.gs	homeobox(HMM:1.7e-20)
18531	OJ991106_43.0105.C2.p3.gs	homeobox(HMM:1.6e-20)
18532	OJ991112_17.9C20.C12.p1.gs	homeobox(HMM:0.049)
18533	OJ991202_05.0421.C3.p5.gs	homeobox(HMM:8.1e-19)
18534	OJ991202_05.9C30.C3.p5.gs	homeobox(HMM:8.1e-19)
18535	OJ991202_19.0114.C7.p3.gs	homeobox(HMM:4e-08)
18536	OJ991202_19.0421.C6.p3.gs	homeobox(HMM:4e-08)
18537	OJ991208_02.0106.C5.p5.gs	homeobox(HMM:0.014)
18538	OJ991209_05.0118.C8.p5.gs	homeobox(HMM:3.1e-20)
18539	OJ991216_02.0218.C8.p3.gs	homeobox(HMM:0.011)
18540	OJ991226_32.0308.C23.p2.gs	homeobox(HMM:6.9e-20)
18541	OJ000111_01.0225.C3.p7.gs	homeobox(HMM:0.0034),homeo box_knox3(4.5e-10)
18542	OJ000111_01.0426.C3.p7.gs	homeobox(HMM:0.0034),homeo box_knox3(4.5e-10)
18543	OJ000150_02.0124.C45.p1.gs	homeobox(HMM:0.00038),homeo box_knox3(1.2e-09)
18544	OJ000221_03.0403.C14.p2.gs	homeobox(HMM:0.0054),homeo box_knox3(4.4e-19)
18545	OJ000221_03.0403.C8.p4.gs	homeobox(HMM:0.0037),homeo box_knox3(2.5e-09)
18546	OJ000301_28.0330.C5.p3.gs	homeobox(HMM:0.0034),homeo box_knox3(4.4e-10)
18547	OJ000323_37.0418.C8.p1.gs	homeobox(HMM:0.19),homeobo x_knox3(8.7e-08)
18548	OJ990122_01.9819.C3.p2.gs	homeobox(HMM:0.19),homeobo x_knox3(9.1e-08)
18549	OJ990430_20.9A20.C1.p1.gs	homeobox(HMM:0.0054),homeo box_knox3(1.6e-19)
18550	OJ990502_22.9A14.C9.p1.gs	homeobox(HMM:0.0067),homeo box_knox3(4.7e-08)
18551	OJ990505_06.9A11.C19.p1.gs	homeobox(HMM:0.00038),homeo

18552	OJ990729_04.0317.C4.p1.gs	obox_knox3(1.2e-09) homeobox(HMM:0.19),homeobo x_knox3(8.9e-08)
18553	OJ990823_02.9B15.C15.p2.gs	homeobox(HMM:0.0034),homeo box_knox3(3.9e-10)
18554	OJ990826_02.9B04.C17.p5.gs	homeobox(HMM:0.0054),homeo box_knox3(1.8e-19)
18555	OJ991201_15.0127.C4.p1.gs	homeobox(HMM:0.0037),homeo box_knox3(1.4e-09)
18556	OJ991217_13.0118.C11.p3.gs	homeobox(HMM:0.00024),home obox_knox3(1.3e-09)
18557	OJ991225_73.0317.C13.p2.gs	homeobox(HMM:0.0022),homeo box_knox3(1.1e-09)
18558	OJ990730_04.9920.C7.p2.gs	homeobox(HMM:1.7e- 18),homeobox_mat(0.0008)
18559	OJ991116_09.0222.C12.p2.gs	homeobox(HMM:1.7e- 18),homeobox_mat(0.0008)
18560	OJ991116_09.0414.C13.p2.gs	homeobox(HMM:1.7e- 18),homeobox_mat(0.0008)
18561	OJ000113_20.0203.C12.p1.gs	homeobox_knox3(5.3e-08)
18562	OJ000217_01.0308.C6.p7.gs	homeobox_knox3(1.3e-07)
18563	OJ000223_11.0405.C13.p1.gs	homeobox_knox3(4.3e-05)
18564	OJ000223_11.0405.C14.p1.gs	homeobox_knox3(1.0e-07)
18565	OJ000114_27.0419.C23.p1.gs	hsf_dna-bind(HMM:6.7e-09)
18566	OJ000204_21.0413.C2.p1.gs	hsf_dna-bind(HMM:6.7e-06)
18567	OJ000204_21.0413.C3.p2.gs	hsf_dna-bind(HMM:0.001)
18568	OJ000204_22.0419.C11.p1.gs	hsf_dna-bind(HMM:0.001)
18569	OJ000210_10.0307.C10.p1.gs	hsf_dna-bind(HMM:1.7e-45)
18570	OJ000221_08.0320.C6.p4.gs	hsf_dna-bind(HMM:1.4e-75)
18571	OJ000310_08.0419.C8.p3.gs	hsf_dna-bind(HMM:3.2e-07)
18572	OJ000314_08.0414.C1.p2.gs	hsf_dna-bind(HMM:3.2e-54)
18573	OJ000314_33.0419.C6.p4.gs	hsf_dna-bind(HMM:1.3e-56)
18574	OJ000320_15.0411.C9.p2.gs	hsf_dna-bind(HMM:5e-73)
18575	OJ000320_21.0419.C33.p1.gs	hsf_dna-bind(HMM:8.8e-46)
18576	OJ000323_08.0419.C4.p1.gs	hsf_dna-bind(HMM:5.2e-11)
18577	OJ000323_08.0419.C5.p1.gs	hsf_dna-bind(HMM:4.3e-08)
18578	OJ000323_16.0421.C22.p1.gs	hsf_dna-bind(HMM:3.7e-07)
18579	OJ990315_09.0128.C5.p1.gs	hsf_dna-bind(HMM:3.6e-53)
18580	OJ990315_09.0421.C5.p1.gs	hsf_dna-bind(HMM:3.6e-53)
18581	OJ990423_07.9B01.C25.p1.gs	hsf_dna-bind(HMM:1.1e-70)
18582	OJ990527_20.0419.C45.p2.gs	hsf_dna-bind(HMM:6.1e-57)
18583	OJ990620_36.9B04.C6.p3.gs	hsf_dna-bind(HMM:6.1e-57)
18584	OJ990701_01.9919.C7.p2.gs	hsf_dna-bind(HMM:3.3e-62)
18585	OJ990816_07.0225.C4.p2.gs	hsf_dna-bind(HMM:0.0012)
18586	OJ990817_12.0103.C2.p2.gs	hsf_dna-bind(HMM:6.5e-11)
18587	OJ990817_12.0103.C3.p1.gs	hsf_dna-bind(HMM:1.3e-07)
18588	OJ990903_04.9B12.C28.p2.gs	hsf_dna-bind(HMM:9.2e-09)
18589	OJ991027_16.0118.C12.p3.gs	hsf_dna-bind(HMM:1.4e-56)
18590	OJ991106_43.0105.C4.p1.gs	hsf_dna-bind(HMM:4.9e-48)
18591	OJ991114_37.0128.C1.p1.gs	hsf_dna-bind(HMM:3.3e-62)
18592	OJ991121_30.0419.C4.p2.gs	hsf_dna-bind(HMM:2.1)
18593	OJ991202_08.0421.C15.p1.gs	hsf_dna-bind(HMM:5.2e-11)
18594	OJ991202_08.9C30.C14.p1.gs	hsf_dna-bind(HMM:5.2e-11)
18595	OJ991210_11.0121.C16.p1.gs	hsf_dna-bind(HMM:6.1e-08)



18596	OJ991214_05.0214.C9.p3.gs	hsf_dna-bind(HMM:0.00042)
18597	OJ991226_43.0315.C7.p4.gs	hsf_dna-bind(HMM:5.2e-11)
18598	OJ000107_10.0215.C14.p2.gs	iaa(HMM:2.5e-40)
18599	OJ000107_10.0426.C14.p2.gs	iaa(HMM:2.5e-40)
18600	OJ000118_21.0313.C6.p1.gs	iaa(HMM:2.5e-40)
18601	OJ000125_05.0316.C8.p2.gs	iaa(HMM:2.1e-24)
18602	OJ000150_00.0124.C56.p2.gs	iaa(HMM:2.8e-39)
18603	OJ000150_19.0124.C1.p1.gs	iaa(HMM:3.8e-23)
18604	OJ000150_19.0124.C2.p3.gs	iaa(HMM:0.00048)
18605	OJ000250_43.0214.C5.p14.gs	iaa(HMM:2.6e-24)
18606	OJ000301_04.0403.C25.p1.gs	iaa(HMM:1.9e-12)
18607	OJ000302_05.0406.C13.p1.gs	iaa(HMM:6.1e-16)
18608	OJ000307_13.0419.C11.p1.gs	iaa(HMM:0.0014)
18609	OJ000307_13.0419.C8.p4.gs	iaa(HMM:3.2e-48)
18610	OJ000310_07.0418.C8.p1.gs	iaa(HMM:7.7e-36)
18611	OJ000310_08.0419.C33.p2.gs	iaa(HMM:3.8e-45)
18612	OJ000313_05.0419.C44.p1.gs	iaa(HMM:0.013)
18613	OJ000320_29.0419.C3.p2.gs	iaa(HMM:1.6e-14)
18614	OJ000329_12.0419.C18.p2.gs	iaa(HMM:4.6e-28)
18615	OJ000330_35.0419.C23.p1.gs	iaa(HMM:5.2e-15)
18616	OJ000404_33.0424.C15.p1.gs	iaa(HMM:1.2e-25)
18617	OJ000450_08.0414.C22.p1.gs	iaa(HMM:0.013)
18618	OJ990311_14.9819.C2.p2.gs	iaa(HMM:2.6e-45)
18619	OJ990315_09.0128.C8.p2.gs	iaa(HMM:3.8e-45)
18620	OJ990315_09.0421.C8.p2.gs	iaa(HMM:3.8e-45)
18621	OJ990414_03.9C03.C10.p2.gs	iaa(HMM:2.3e-18)
18622	OJ990428_28.9A08.C7.p3.gs	iaa(HMM:3.9e-25)
18623	OJ990512_08.0419.C41.p1.gs	iaa(HMM:1.5e-22)
18624	OJ990519_28.9924.C16.p2.gs	iaa(HMM:3.9e-25)
18625	OJ990619_48.9A20.C1.p1.gs	iaa(HMM:5.4e-56)
18626	OJ990619_54.9922.C3.p1.gs	iaa(HMM:1.4e-49)
18627	OJ990708_04.9A01.C9.p1.gs	iaa(HMM:2.9e-34)
18628	OJ990808_54.0421.C7.p1.gs	iaa(HMM:0.65)
18629	OJ990808_54.9C20.C8.p1.gs	iaa(HMM:0.65)
18630	OJ990822_48.0106.C2.p2.gs	iaa(HMM:5.4e-31)
18631	OJ990830_09.9C23.C3.p3.gs	iaa(HMM:0.22)
18632	OJ990922_10.0128.C12.p5.gs	iaa(HMM:6.6e-36)
18633	OJ991106_43.0105.C7.p2.gs	iaa(HMM:3.8e-45)
18634	OJ991107_44.0421.C3.p2.gs	iaa(HMM:8.1e-15)
18635	OJ991107_44.9C27.C3.p2.gs	iaa(HMM:8.1e-15)
18636	OJ991114_35.0419.C20.p1.gs	iaa(HMM:9e-30)
18637	OJ991122_05.0210.C10.p1.gs	iaa(HMM:6.6e-20)
18638	OJ991122_05.0303.C2.p1.gs	iaa(HMM:6.6e-20)
18639	OJ991122_05.0421.C2.p1.gs	iaa(HMM:6.6e-20)
18640	OJ991203_01.0128.C10.p3.gs	iaa(HMM:9e-30)
18641	OJ991211_35.0420.C15.p3.gs	iaa(HMM:2.6e-28)
18642	OJ000303_07.0419.C27.p2.gs	ibr(HMM:7.4e-10)
18643	OJ000303_07.0419.C27.p3.gs	ibr(HMM:0.45)
18644	OJ000306_05.0419.C4.p2.gs	ibr(HMM:5.1e-19)
18645	OJ000306_06.0403.C16.p1.gs	ibr(HMM:2.3e-11)
18646	OJ000306_06.0403.C16.p2.gs	ibr(HMM:5.1e-19)
18647	OJ000313_26.0407.C14.p1.gs	ibr(HMM:1.9e-15)
18648	OJ000313_26.0420.C14.p1.gs	ibr(HMM:1.9e-15)
18649	OJ000314_15.0419.C24.p1.gs	ibr(HMM:5.1e-10)

18650	OJ990528_30.9919.C9.p1.gs	ibr(HMM:1.3e-20)
18651	OJ990810_02.9B08.C9.p1.gs	ibr(HMM:2.3e-11)
18652	OJ990810_02.9B08.C9.p2.gs	ibr(HMM:5.1e-19)
18653	OJ000111_12.0313.C5.p4.gs	ibr(HMM:6.9e-05),zf- c3hc4(HMM:0.0042)
18654	OJ000111_12.0426.C5.p4.gs	ibr(HMM:6.9e-05),zf- c3hc4(HMM:0.0042)
18655	OJ000112_04.0202.C2.p2.gs	ibr(HMM:0.014),zf- c3hc4(HMM:0.0063)
18656	OJ000112_04.0426.C2.p2.gs	ibr(HMM:0.014),zf- c3hc4(HMM:0.0063)
18657	OJ000250_49.0214.C8.p3.gs	ibr(HMM:0.003),zf- c3hc4(HMM:0.15)
18658	OJ000303_28.0419.C19.p2.gs	ibr(HMM:0.003),zf- c3hc4(HMM:0.15)
18659	OJ000306_05.0419.C4.p1.gs	ibr(HMM:6.6),zf- c3hc4(HMM:0.043)
18660	OJ000314_15.0419.C16.p1.gs	ibr(HMM:5.9e-11),zf- c3hc4(HMM:0.18)
18661	OJ990619_35.9927.C5.p12.gs	ibr(HMM:0.057),zf- c3hc4(HMM:0.09)
18662	OJ990727_05.9A26.C4.p2.gs	ibr(HMM:1.4e-06),zf- c3hc4(HMM:0.052)
18663	OJ000113_15.0210.C13.p1.gs	k-box(HMM:7.7e-09)
18664	OJ000150_15.0124.C25.p1.gs	k-box(HMM:1.4e-26)
18665	OJ000223_06.0316.C7.p1.gs	k-box(HMM:5.6e-05)
18666	OJ000224_03.0404.C19.p1.gs	k-box(HMM:1.4e-26)
18667	OJ000250_48.0211.C12.p2.gs	k-box(HMM:6.4e-14)
18668	OJ000250_82.0320.C45.p7.gs	k-box(HMM:2.4e-07)
18669	OJ000250_82.0320.C46.p1.gs	k-box(HMM:0.006)
18670	OJ000251_48.0228.C11.p1.gs	k-box(HMM:1.9e-05)
18671	OJ000306_08.0419.C59.p1.gs	k-box(HMM:1.7e-06)
18672	OJ000404_14.0424.C22.p1.gs	k-box(HMM:0.009)
18673	OJ990312_12.9819.C28.p2.gs	k-box(HMM:0.00079)
18674	OJ990517_23.9C10.C9.p5.gs	k-box(HMM:3.8e-30)
18675	OJ990525_14.9C03.C6.p2.gs	k-box(HMM:0.00016)
18676	OJ990528_21.9B12.C23.p4.gs	k-box(HMM:3.8e-30)
18677	OJ990604_02.9A01.C22.p1.gs	k-box(HMM:3.8e-30)
18678	OJ990727_04.9A20.C3.p6.gs	k-box(HMM:2.5e-05)
18679	OJ990823_06.9B03.C3.p1.gs	k-box(HMM:7.8e-07)
18680	OJ991020_07.0202.C15.p1.gs	k-box(HMM:3.9e-15)
18681	OJ991113_34.0421.C9.p4.gs	k-box(HMM:6.5)
18682	OJ991113_34.9C27.C29.p1.gs	k-box(HMM:6.5)
18683	OJ991208_01.0110.C9.p1.gs	k-box(HMM:2.8e-05)
18684	OJ991211_57.0228.C13.p1.gs	k-box(HMM:1.9e-05)
18685	OJ000204_15.0302.C2.p2.gs	k-box(HMM:3.9e-06),srf- tf(HMM:3.7e-35)
18686	OJ000210_21.0419.C15.p7.gs	k-box(HMM:0.0051),srf- tf(HMM:3e-29)
18687	OJ000250_82.0320.C45.p6.gs	k-box(HMM:5.4e-17),srf- tf(HMM:5.2e-12)
18688	OJ000302_10.0418.C12.p1.gs	k-box(HMM:4.8e-24),srf- tf(HMM:1e-35)
18689	OJ000306_09.0407.C36.p1.gs	k-box(HMM:1.4e-06),srf-

18690	OJ000350_26.0323.C10.p7.gs	tf(HMM:1.1e-33) k-box(HMM:1.7e-13),srf- tf(HMM:1.4e-37)
18691	OJ990515_20.9924.C4.p1.gs	k-box(HMM:1.3e-13),srf- tf(HMM:3.1e-38)
18692	OJ991115_09.0421.C11.p2.gs	k-box(HMM:6.7e-27),srf- tf(HMM:3.1e-38)
18693	OJ991115_09.9C22.C11.p2.gs	k-box(HMM:6.7e-27),srf- tf(HMM:3.1e-38)
18694	OJ991206_18.0131.C13.p5.gs	k-box(HMM:6.7e-27),srf- tf(HMM:3.1e-38)
18695	OJ991211_65.0317.C11.p1.gs	k-box(HMM:5.4e-31),srf- tf(HMM:6.4e-37)
18696	OJ000102_56.0407.C45.p2.gs	lim(HMM:1.1e-32)
18697	OJ000102_56.0426.C45.p2.gs	lim(HMM:1.1e-32)
18698	OJ000251_37.0315.C43.p3.gs	lim(HMM:0.00011)
18699	OJ000251_42.0328.C11.p2.gs	lim(HMM:8.1e-31)
18700	OJ000301_15.0330.C7.p1.gs	lim(HMM:6.3e-33)
18701	OJ000307_05.0403.C12.p1.gs	lim(HMM:7.3e-15)
18702	OJ000310_31.0425.C12.p1.gs	lim(HMM:2e-16)
18703	OJ000323_09.0424.C18.p1.gs	lim(HMM:6.3e-33)
18704	OJ000450_09.0412.C2.p5.gs	lim(HMM:1e-33)
18705	OJ990420_06.9923.C24.p1.gs	lim(HMM:5.2e-23)
18706	OJ990503_01.9A29.C47.p1.gs	lim(HMM:1.1e-23)
18707	OJ991011_05.0103.C7.p1.gs	lim(HMM:2.4e-26)
18708	OJ991111_07.0330.C4.p3.gs	lim(HMM:0.0086),zf- c3hc4(HMM:5.2e-25)
18709	OJ000150_00.0124.C64.p3.gs	linker_histone(HMM:2.3e-35)
18710	OJ990323_15.9A11.C4.p3.gs	linker_histone(HMM:2.3e-35)
18711	OJ990907_15.9C03.C5.p2.gs	linker_histone(HMM:1.9e-27)
18712	OJ991015_17.0222.C32.p3.gs	linker_histone(HMM:1.1e-05)
18713	OJ991108_19.0419.C69.p3.gs	linker_histone(HMM:1.1e-05)
18714	OJ991115_07.0218.C7.p2.gs	linker_histone(HMM:1.2e-24)
18715	OJ990708_04.9A01.C10.p2.gs	linker_histone(HMM:9.3e- 06),myb_dna- binding(HMM:8.2e-05)
18716	OJ000102_56.0407.C45.p4.gs	myb_dna-binding(HMM:0.091)
18717	OJ000102_56.0426.C45.p4.gs	myb_dna-binding(HMM:0.091)
18718	OJ000105_11.0310.C3.p1.gs	myb_dna- binding(HMM:0.00061)
18719	OJ000105_11.0426.C3.p1.gs	myb_dna- binding(HMM:0.00061)
18720	OJ000108_30.0403.C40.p2.gs	myb_dna-binding(HMM:7.1e-40)
18721	OJ000108_30.0426.C40.p2.gs	myb_dna-binding(HMM:7.1e-40)
18722	OJ000110_04.0426.C15.p1.gs	myb_dna-binding(HMM:2.5e-36)
18723	OJ000110_04.0426.C9.p4.gs	myb_dna-binding(HMM:0.0089)
18724	OJ000112_16.0202.C3.p2.gs	myb_dna-binding(HMM:0.19)
18725	OJ000112_16.0426.C3.p2.gs	myb_dna-binding(HMM:0.19)
18726	OJ000114_03.0320.C13.p2.gs	myb_dna-binding(HMM:7.6e-36)
18727	OJ000117_03.0225.C6.p2.gs	myb_dna-binding(HMM:2.9e-40)
18728	OJ000117_03.0317.C9.p1.gs	myb_dna-binding(HMM:2.9e-40)
18729	OJ000118_13.0419.C5.p1.gs	myb_dna-binding(HMM:3e-06)
18730	OJ000126_12.0229.C6.p4.gs	myb_dna-binding(HMM:8.3e-41)
18731	OJ000150_17.0124.C39.p5.gs	myb_dna-

18732	OJ000150_24.0124.C2.p3.gs	binding(HMM:0.00023)
18733	OJ000207_08.0302.C14.p1.gs	myb_dna-binding(HMM:1.7e-46)
18734	OJ000207_17.0306.C10.p3.gs	myb_dna-binding(HMM:0.0024)
18735	OJ000207_17.0323.C8.p2.gs	myb_dna-binding(HMM:1.5e-42)
18736	OJ000209_08.0309.C18.p3.gs	myb_dna-binding(HMM:0.22)
18737	OJ000209_08.0309.C2.p2.gs	myb_dna-binding(HMM:2e-39)
18738	OJ000209_09.0301.C16.p1.gs	myb_dna-binding(HMM:9.2e-41)
18739	OJ000209_09.0301.C7.p6.gs	myb_dna-binding(HMM:9.4e-17)
		myb_dna-binding(HMM:0.00012)
18740	OJ000209_09.0323.C10.p2.gs	myb_dna-binding(HMM:5.3e-06)
18741	OJ000209_09.0323.C13.p1.gs	myb_dna-binding(HMM:9.4e-17)
18742	OJ000209_13.0316.C5.p3.gs	myb_dna-binding(HMM:0.12)
18743	OJ000209_23.0320.C5.p2.gs	myb_dna-binding(HMM:2e-39)
18744	OJ000210_18.0310.C13.p2.gs	myb_dna-binding(HMM:6.5e-29)
18745	OJ000221_09.0419.C19.p3.gs	myb_dna-binding(HMM:3.3e-33)
18746	OJ000221_20.0314.C8.p1.gs	myb_dna-binding(HMM:0.0048)
18747	OJ000222_08.0317.C5.p1.gs	myb_dna-binding(HMM:6.9e-46)
18748	OJ000222_12.0404.C10.p3.gs	myb_dna-binding(HMM:7.4e-30)
18749	OJ000223_01.0320.C15.p2.gs	myb_dna-binding(HMM:1.4e-10)
18750	OJ000223_16.0320.C8.p3.gs	myb_dna-binding(HMM:0.025)
18751	OJ000228_06.0406.C3.p1.gs	myb_dna-binding(HMM:0.0098)
18752	OJ000229_14.0327.C16.p1.gs	myb_dna-binding(HMM:2.7e-21)
18753	OJ000229_14.0327.C6.p2.gs	myb_dna-binding(HMM:1.5e-46)
18754	OJ000229_23.0323.C25.p5.gs	myb_dna-binding(HMM:0.0044)
18755	OJ000250_27.0303.C17.p1.gs	myb_dna-binding(HMM:0.00023)
		myb_dna-binding(HMM:2.7e-31)
18756	OJ000250_37.0210.C13.p4.gs	myb_dna-binding(HMM:2e-38)
18757	OJ000250_40.0211.C23.p3.gs	myb_dna-binding(HMM:8.5e-28)
18758	OJ000250_46.0211.C6.p1.gs	myb_dna-binding(HMM:8.5e-28)
18759	OJ000250_46.0303.C2.p4.gs	myb_dna-binding(HMM:1.7e-46)
18760	OJ000250_48.0211.C1.p3.gs	myb_dna-binding(HMM:0.034)
18761	OJ000250_89.0214.C6.p1.gs	myb_dna-binding(HMM:0.034)
18762	OJ000250_91.0405.C8.p1.gs	myb_dna-binding(HMM:0.091)
18763	OJ000251_42.0328.C12.p2.gs	myb_dna-binding(HMM:2.9e-38)
18764	OJ000251_42.0328.C13.p2.gs	myb_dna-binding(HMM:8.8e-14)
18765	OJ000301_13.0330.C21.p6.gs	myb_dna-binding(HMM:0.024)
18766	OJ000301_13.0330.C6.p1.gs	myb_dna-binding(HMM:1.2e-40)
18767	OJ000302_04.0410.C11.p1.gs	myb_dna-binding(HMM:1.2e-17)
18768	OJ000302_15.0331.C20.p1.gs	myb_dna-binding(HMM:0.024)
18769	OJ000303_15.0419.C22.p2.gs	myb_dna-binding(HMM:0.00061)
18770	OJ000306_18.0419.C10.p1.gs	myb_dna-binding(HMM:4e-19)
		myb_dna-binding(HMM:0.0098)
18771	OJ000313_29.0419.C8.p2.gs	myb_dna-binding(HMM:2.4e-36)
18772	OJ000313_40.0419.C2.p1.gs	myb_dna-binding(HMM:2.4e-26)
18773	OJ000314_12.0418.C3.p3.gs	myb_dna-binding(HMM:2.4e-26)
18774	OJ000315_06.0413.C16.p2.gs	myb_dna-binding(HMM:4.3e-37)
18775	OJ000315_06.0420.C18.p2.gs	myb_dna-binding(HMM:7.4e-45)
18776	OJ000315_30.0419.C3.p4.gs	myb_dna-binding(HMM:0.059)
18777	OJ000315_40.0420.C11.p6.gs	myb_dna-binding(HMM:0.026)
18778	OJ000316_14.0419.C8.p1.gs	myb_dna-binding(HMM:5e-20)
18779	OJ000316_33.0410.C24.p1.gs	myb_dna-binding(HMM:1.7e-33)
18780	OJ000320_11.0419.C19.p1.gs	
18781	OJ000320_11.0419.C24.p1.gs	

18782	OJ000320_14.0419.C18.p4.gs	myb_dna-binding(HMM:2.2e-39)
18783	OJ000320_22.0419.C12.p1.gs	myb_dna-binding(HMM:0.081)
18784	OJ000321_03.0417.C6.p3.gs	myb_dna-binding(HMM:1.1e-43)
18785	OJ000321_03.0426.C4.p4.gs	myb_dna-binding(HMM:1.1e-43)
18786	OJ000321_07.0419.C3.p1.gs	myb_dna-binding(HMM:2.4e-36)
18787	OJ000321_15.0419.C33.p1.gs	myb_dna-binding(HMM:0.05)
18788	OJ000321_23.0424.C32.p1.gs	myb_dna-binding(HMM:3.8e-19)
18789	OJ000321_37.0419.C14.p1.gs	myb_dna-binding(HMM:0.05)
18790	OJ000322_20.0419.C24.p1.gs	myb_dna-binding(HMM:8.3e-41)
18791	OJ000323_38.0418.C27.p1.gs	myb_dna-binding(HMM:3.6e-07)
18792	OJ000324_03.0419.C5.p1.gs	myb_dna-binding(HMM:0.0041)
18793	OJ000324_30.0413.C19.p1.gs	myb_dna-binding(HMM:1.1e-11)
18794	OJ000324_30.0420.C3.p1.gs	myb_dna-binding(HMM:1.1e-11)
18795	OJ000327_02.0418.C8.p2.gs	myb_dna-binding(HMM:1.5e-37)
18796	OJ000327_09.0424.C34.p1.gs	myb_dna-binding(HMM:1.1e-11)
18797	OJ000330_31.0424.C25.p1.gs	myb_dna-binding(HMM:1.1e-36)
18798	OJ000330_31.0424.C28.p1.gs	myb_dna-binding(HMM:3.3e-23)
18799	OJ000330_36.0424.C6.p2.gs	myb_dna-binding(HMM:7.6e-36)
18800	OJ000350_22.0419.C6.p2.gs	myb_dna-binding(HMM:2.5e-42)
18801	OJ000350_36.0314.C7.p7.gs	myb_dna-binding(HMM:8.3e-41)
18802	OJ000350_37.0314.C11.p1.gs	myb_dna-binding(HMM:0.033)
18803	OJ000403_04.0421.C14.p2.gs	myb_dna-binding(HMM:0.018)
18804	OJ000404_27.0421.C2.p1.gs	myb_dna-binding(HMM:3.7e-45)
18805	OJ990105_08.9819.C26.p1.gs	myb_dna-binding(HMM:0.0014)
18806	OJ990201_04.9819.C8.p1.gs	myb_dna-binding(HMM:1.4e-38)
18807	OJ990203_02.9819.C24.p2.gs	myb_dna-binding(HMM:0.18)
18808	OJ990203_06.9819.C1.p2.gs	myb_dna-binding(HMM:2.4e-44)
18809	OJ990203_06.9819.C42.p1.gs	myb_dna-binding(HMM:0.019)
18810	OJ990304_02.9B12.C1.p4.gs	myb_dna-binding(HMM:8.1e-15)
18811	OJ990308_03.9A05.C16.p2.gs	myb_dna-binding(HMM:0.00061)
18812	OJ990311_11.9819.C26.p1.gs	myb_dna-binding(HMM:0.034)
18813	OJ990312_09.9B12.C38.p1.gs	myb_dna-binding(HMM:7.6e-36)
18814	OJ990330_16.9923.C9.p1.gs	myb_dna-binding(HMM:5.9e-09)
18815	OJ990407_02.9923.C33.p2.gs	myb_dna-binding(HMM:0.024)
18816	OJ990407_02.9923.C4.p1.gs	myb_dna-binding(HMM:8.8e-14)
18817	OJ990407_03.0420.C71.p1.gs	myb_dna-binding(HMM:6.5e-08)
18818	OJ990407_03.0420.C8.p1.gs	myb_dna-binding(HMM:4.7e-43)
18819	OJ990407_03.9819.C5.p1.gs	myb_dna-binding(HMM:4.7e-43)
18820	OJ990415_02.0103.C3.p7.gs	myb_dna-binding(HMM:5.4e-18)
18821	OJ990419_11.9923.C10.p1.gs	myb_dna-binding(HMM:5.4e-05)
18822	OJ990423_05.9C10.C14.p3.gs	myb_dna-binding(HMM:2.8e-43)
18823	OJ990423_05.9C10.C38.p1.gs	myb_dna-binding(HMM:0.00057)
18824	OJ990426_20.9924.C6.p4.gs	myb_dna-binding(HMM:2.1e-19)
18825	OJ990430_26.9B12.C3.p4.gs	myb_dna-binding(HMM:0.018)
18826	OJ990501_23.9C03.C1.p5.gs	myb_dna-binding(HMM:1.6e-07)
18827	OJ990503_28.9924.C2.p2.gs	myb_dna-binding(HMM:0.0022)
18828	OJ990520_01.9B12.C27.p2.gs	myb_dna-binding(HMM:2.1e-11)
18829	OJ990520_12.9A19.C2.p2.gs	myb_dna-binding(HMM:1.5e-37)
18830	OJ990527_20.0419.C28.p1.gs	myb_dna-binding(HMM:5.7e-12)
18831	OJ990527_23.9C10.C1.p3.gs	myb_dna-binding(HMM:3.6e-35)
18832	OJ990527_23.9C10.C9.p2.gs	myb_dna-binding(HMM:0.0044)
18833	OJ990528_20.9B10.C7.p2.gs	myb_dna-binding(HMM:1e-27)

18834	OJ990528_25.9B19.C8.p1.gs	myb_dna-binding(HMM:7.6e-12)
18835	OJ990602_02.0421.C21.p3.gs	myb_dna-binding(HMM:2.1e-41)
18836	OJ990602_02.9C20.C21.p3.gs	myb_dna-binding(HMM:2.1e-41)
18837	OJ990602_03.0107.C20.p1.gs	myb_dna-binding(HMM:0.0062)
18838	OJ990605_41.0225.C5.p11.gs	myb_dna-binding(HMM:0.0089)
18839	OJ990605_41.0225.C5.p2.gs	myb_dna-binding(HMM:2.5e-36)
18840	OJ990605_42.9C03.C4.p4.gs	myb_dna-binding(HMM:2.7e-10)
18841	OJ990612_34.9A01.C4.p1.gs	myb_dna-binding(HMM:6.1e-41)
18842	OJ990617_05.9924.C14.p1.gs	myb_dna-binding(HMM:5.9e-20)
18843	OJ990617_14.9B23.C10.p1.gs	myb_dna-binding(HMM:1.1)
18844	OJ990621_04.9C03.C20.p1.gs	myb_dna-binding(HMM:3.8e-20)
18845	OJ990703_46.9A03.C5.p2.gs	myb_dna-binding(HMM:4e-09)
18846	OJ990703_47.9C16.C3.p1.gs	myb_dna-binding(HMM:5.5e-12)
18847	OJ990708_12.9919.C4.p3.gs	myb_dna-binding(HMM:4.7e-37)
18848	OJ990713_04.9C17.C21.p1.gs	myb_dna-binding(HMM:2.1e-11)
18849	OJ990713_11.9B12.C13.p1.gs	myb_dna-binding(HMM:5.6e-06)
18850	OJ990730_08.9C10.C3.p10.gs	myb_dna-binding(HMM:2.1e-11)
18851	OJ990730_14.0419.C28.p1.gs	myb_dna-binding(HMM:0.092)
18852	OJ990802_13.9920.C1.p16.gs	myb_dna-binding(HMM:0.05)
18853	OJ990808_36.9C20.C8.p5.gs	myb_dna-binding(HMM:1.2e-36)
18854	OJ990808_57.0118.C7.p1.gs	myb_dna-binding(HMM:3.8e-20)
18855	OJ990817_02.9A01.C10.p2.gs	myb_dna-binding(HMM:8.3e-41)
18856	OJ990817_11.9C09.C5.p4.gs	myb_dna-binding(HMM:0.0098)
18857	OJ990821_49.0128.C15.p2.gs	myb_dna-binding(HMM:0.0053)
18858	OJ990822_47.0103.C2.p1.gs	myb_dna-binding(HMM:5.9e-43)
18859	OJ990826_04.9B03.C24.p2.gs	myb_dna-binding(HMM:5.4e-05)
18860	OJ990827_09.0103.C7.p2.gs	myb_dna-binding(HMM:1.5e-37)
18861	OJ990830_12.9C03.C13.p1.gs	myb_dna-binding(HMM:9.2e-41)
18862	OJ990901_05.9B10.C14.p2.gs	myb_dna-binding(HMM:4e-09)
18863	OJ990903_09.9B04.C8.p1.gs	myb_dna-binding(HMM:1.2e-40)
18864	OJ990903_11.9C01.C17.p11.gs	myb_dna-binding(HMM:1.9e-24)
18865	OJ990907_09.9B19.C14.p1.gs	myb_dna-binding(HMM:2.3e-37)
18866	OJ990907_11.0103.C13.p4.gs	myb_dna-binding(HMM:0.025)
18867	OJ990914_18.9B24.C2.p1.gs	myb_dna-binding(HMM:5.6e-06)
18868	OJ990915_02.9A18.C18.p1.gs	myb_dna-binding(HMM:0.00023)
18869	OJ990917_16.9B08.C15.p2.gs	myb_dna-binding(HMM:0.0065)
18870	OJ990920_18.9C06.C35.p1.gs	myb_dna-binding(HMM:5.6e-06)
18871	OJ990920_19.9B02.C24.p3.gs	myb_dna-binding(HMM:8.3e-41)
18872	OJ990923_12.9C01.C6.p4.gs	myb_dna-binding(HMM:4.2e-19)
18873	OJ990929_01.9C17.C26.p2.gs	myb_dna-binding(HMM:1.1e-24)
18874	OJ990929_01.9C17.C40.p1.gs	myb_dna-binding(HMM:2.2e-13)
18875	OJ990930_19.9B12.C17.p1.gs	myb_dna-binding(HMM:3.5e-32)
18876	OJ991008_03.0207.C32.p2.gs	myb_dna-binding(HMM:3.7e-45)
18877	OJ991008_04.0121.C44.p1.gs	myb_dna-binding(HMM:8.5e-22)
18878	OJ991012_10.0127.C2.p1.gs	myb_dna-binding(HMM:1.1e-11)
18879	OJ991019_16.0118.C16.p1.gs	myb_dna-binding(HMM:5.9e-09)
18880	OJ991019_19.0306.C17.p1.gs	myb_dna-binding(HMM:5.9e-09)
18881	OJ991019_20.0419.C29.p2.gs	myb_dna-binding(HMM:9.7e-38)
18882	OJ991020_16.0218.C10.p1.gs	myb_dna-binding(HMM:3e-06)
18883	OJ991022_02.0211.C16.p1.gs	myb_dna-binding(HMM:4.7e-43)
18884	OJ991026_16.0118.C6.p3.gs	myb_dna-binding(HMM:1e-42)
18885	OJ991027_14.0308.C39.p1.gs	myb_dna-binding(HMM:8.2e-06)
18886	OJ991028_05.0211.C8.p1.gs	myb_dna-binding(HMM:0.0065)

18887	OJ991028_14.0118.C7.p6.gs	myb_dna-binding(HMM:8.2e-06)
18888	OJ991029_03.0127.C6.p8.gs	myb_dna-binding(HMM:6.1e-41)
18889	OJ991106_31.9C23.C3.p5.gs	myb_dna-binding(HMM:1.5e-36)
18890	OJ991106_34.9C09.C8.p2.gs	myb_dna-binding(HMM:4.6e-35)
18891	OJ991108_05.0126.C8.p1.gs	myb_dna-binding(HMM:3.8e-20)
18892	OJ991109_12.0105.C4.p2.gs	myb_dna-binding(HMM:0.018)
18893	OJ991109_12.0105.C4.p3.gs	myb_dna-binding(HMM:0.00048)
18894	OJ991109_19.0421.C13.p1.gs	myb_dna-binding(HMM:0.022)
18895	OJ991112_15.0104.C13.p2.gs	myb_dna-binding(HMM:1e-42)
18896	OJ991113_45.0419.C18.p1.gs	myb_dna-binding(HMM:8.4e-36)
18897	OJ991114_31.9C13.C3.p5.gs	myb_dna-binding(HMM:1.3)
18898	OJ991116_05.0330.C7.p7.gs	myb_dna-binding(HMM:8.7e-35)
18899	OJ991116_12.0107.C11.p6.gs	myb_dna-binding(HMM:0.025)
18900	OJ991116_14.0222.C1.p3.gs	myb_dna-binding(HMM:2.7e-12)
18901	OJ991117_14.0410.C4.p1.gs	myb_dna-binding(HMM:1.1e-33)
18902	OJ991119_07.0316.C11.p1.gs	myb_dna-binding(HMM:1.2e-40)
18903	OJ991120_34.0419.C7.p4.gs	myb_dna-binding(HMM:1.5e-16)
18904	OJ991121_41.0421.C5.p1.gs	myb_dna-binding(HMM:7.6e-12)
18905	OJ991121_41.9C28.C5.p1.gs	myb_dna-binding(HMM:7.6e-12)
18906	OJ991121_44.0419.C29.p1.gs	myb_dna-binding(HMM:0.0044)
18907	OJ991122_03.0421.C4.p2.gs	myb_dna-binding(HMM:1.5e-46)
18908	OJ991122_03.9C23.C4.p2.gs	myb_dna-binding(HMM:1.5e-46)
18909	OJ991201_17.0119.C2.p3.gs	myb_dna-binding(HMM:1.2e-18)
18910	OJ991202_08.0421.C25.p1.gs	myb_dna-binding(HMM:0.0065)
18911	OJ991202_08.9C30.C7.p3.gs	myb_dna-binding(HMM:0.0065)
18912	OJ991208_17.0104.C4.p1.gs	myb_dna-binding(HMM:4.7e-43)
18913	OJ991211_50.0403.C1.p2.gs	myb_dna-binding(HMM:1.9e-33)
18914	OJ991214_10.0222.C51.p1.gs	myb_dna-binding(HMM:0.0024)
18915	OJ991214_14.0204.C1.p10.gs	myb_dna-binding(HMM:2.8e-43)
18916	OJ991215_06.0118.C6.p12.gs	myb_dna-binding(HMM:5.8e-40)
18917	OJ991215_15.0127.C46.p1.gs	myb_dna-binding(HMM:1.2e-40)
18918	OJ991216_07.0301.C8.p8.gs	myb_dna-binding(HMM:5.6e-06)
18919	OJ991225_70.0308.C24.p1.gs	myb_dna-binding(HMM:5.6e-06)
18920	OJ991226_43.0315.C36.p1.gs	myb_dna-binding(HMM:0.0065)
18921	OJ000204_18.0225.C8.p3.gs	myb_dna-binding(HMM:4.5e-12),zz(HMM:0.043)
18922	OJ000112_09.0209.C8.p6.gs	nam(HMM:9.5e-67)
18923	OJ000112_09.0303.C5.p7.gs	nam(HMM:9.5e-67)
18924	OJ000112_09.0426.C5.p7.gs	nam(HMM:9.5e-67)
18925	OJ000113_11.0225.C13.p2.gs	nam(HMM:4.2e-87)
18926	OJ000113_25.0223.C14.p9.gs	nam(HMM:6.2e-06)
18927	OJ000118_07.0215.C2.p2.gs	nam(HMM:3.3e-06)
18928	OJ000118_14.0228.C1.p3.gs	nam(HMM:4.8e-11)
18929	OJ000118_14.0331.C1.p3.gs	nam(HMM:4.8e-11)
18930	OJ000118_21.0313.C17.p2.gs	nam(HMM:4.8e-38)
18931	OJ000150_20.0124.C4.p1.gs	nam(HMM:8.3e-09)
18932	OJ000150_22.0124.C86.p2.gs	nam(HMM:8.8e-77)
18933	OJ000150_24.0124.C2.p10.gs	nam(HMM:1e-84)
18934	OJ000204_17.0323.C4.p1.gs	nam(HMM:7.7e-34)
18935	OJ000207_13.0303.C7.p4.gs	nam(HMM:1.1e-41)
18936	OJ000209_02.0314.C24.p3.gs	nam(HMM:2.7e-88)
18937	OJ000211_24.0317.C8.p1.gs	nam(HMM:6.8e-34)
18938	OJ000214_05.0303.C10.p1.gs	nam(HMM:3e-77)

18939	OJ000223_03.0330.C22.p3.gs	nam(HMM:3.1e-41)
18940	OJ000228_07.0410.C6.p2.gs	nam(HMM:2.8e-58)
18941	OJ000229_02.0323.C6.p1.gs	nam(HMM:1e-71)
18942	OJ000229_24.0419.C20.p1.gs	nam(HMM:1.1e-83)
18943	OJ000229_24.0419.C3.p1.gs	nam(HMM:2.4e-86)
18944	OJ000250_39.0223.C10.p4.gs	nam(HMM:1.8e-64)
18945	OJ000250_49.0214.C7.p2.gs	nam(HMM:3.6e-61)
18946	OJ000250_61.0419.C22.p2.gs	nam(HMM:2.3e-87)
18947	OJ000250_73.0214.C5.p7.gs	nam(HMM:8.4e-65)
18948	OJ000251_06.0419.C162.p2.gs	nam(HMM:1.3e-83)
18949	OJ000251_18.0419.C10.p2.gs	nam(HMM:7.5e-05)
18950	OJ000251_18.0419.C11.p1.gs	nam(HMM:0.005)
18951	OJ000302_09.0414.C4.p4.gs	nam(HMM:5.1e-58)
18952	OJ000303_22.0419.C12.p1.gs	nam(HMM:9.5e-76)
18953	OJ000303_22.0419.C14.p1.gs	nam(HMM:9.5e-88)
18954	OJ000303_28.0419.C18.p2.gs	nam(HMM:3.6e-61)
18955	OJ000307_28.0417.C3.p3.gs	nam(HMM:1.7e-05)
18956	OJ000308_22.0419.C15.p4.gs	nam(HMM:1.8e-64)
18957	OJ000310_04.0419.C8.p1.gs	nam(HMM:1.1e-16)
18958	OJ000310_04.0419.C9.p1.gs	nam(HMM:0.0081)
18959	OJ000313_08.0417.C6.p7.gs	nam(HMM:6.2e-06)
18960	OJ000313_19.0419.C59.p1.gs	nam(HMM:3.2e-47)
18961	OJ000314_10.0411.C6.p1.gs	nam(HMM:3.7e-08)
18962	OJ000314_10.0420.C3.p1.gs	nam(HMM:3.7e-08)
18963	OJ000314_15.0419.C32.p1.gs	nam(HMM:9.5e-06)
18964	OJ000314_15.0419.C32.p2.gs	nam(HMM:3.9e-06)
18965	OJ000314_27.0419.C11.p3.gs	nam(HMM:6.3e-44)
18966	OJ000314_37.0412.C5.p2.gs	nam(HMM:4.4e-10)
18967	OJ000314_37.0412.C9.p3.gs	nam(HMM:2.2e-10)
18968	OJ000314_37.0412.C9.p6.gs	nam(HMM:2.2e-10)
18969	OJ000314_37.0420.C5.p2.gs	nam(HMM:4.4e-10)
18970	OJ000314_37.0420.C9.p3.gs	nam(HMM:2.2e-10)
18971	OJ000314_37.0420.C9.p6.gs	nam(HMM:2.2e-10)
18972	OJ000315_11.0419.C14.p2.gs	nam(HMM:4.9e-71)
18973	OJ000315_34.0407.C13.p5.gs	nam(HMM:2.8e-45)
18974	OJ000315_34.0420.C7.p5.gs	nam(HMM:2.8e-45)
18975	OJ000316_07.0419.C11.p1.gs	nam(HMM:8e-58)
18976	OJ000321_03.0417.C3.p2.gs	nam(HMM:3.6e-20)
18977	OJ000321_03.0426.C3.p2.gs	nam(HMM:3.6e-20)
18978	OJ000322_18.0419.C24.p2.gs	nam(HMM:2.2e-10)
18979	OJ000322_18.0419.C4.p2.gs	nam(HMM:4.4e-10)
18980	OJ000327_10.0424.C2.p1.gs	nam(HMM:5.4e-07)
18981	OJ000327_18.0420.C19.p1.gs	nam(HMM:4e-94)
18982	OJ000330_01.0424.C29.p2.gs	nam(HMM:0.0081)
18983	OJ000330_01.0424.C30.p1.gs	nam(HMM:1.3e-10)
18984	OJ000330_14.0419.C34.p1.gs	nam(HMM:1.5e-09)
18985	OJ000330_30.0421.C28.p1.gs	nam(HMM:1.2e-06)
18986	OJ000330_30.0421.C30.p1.gs	nam(HMM:0.032)
18987	OJ000331_24.0424.C16.p1.gs	nam(HMM:3.1e-41)
18988	OJ000350_42.0309.C8.p2.gs	nam(HMM:1.6e-09)
18989	OJ000350_49.0314.C12.p2.gs	nam(HMM:1.8e-05)
18990	OJ000350_49.0414.C12.p5.gs	nam(HMM:1.8e-05)
18991	OJ000350_60.0419.C17.p1.gs	nam(HMM:8.3e-82)
18992	OJ000404_14.0424.C40.p1.gs	nam(HMM:0.00019)



18993	OJ000404_39.0424.C24.p1.gs	nam(HMM:0.0003)
18994	OJ000405_19.0424.C38.p1.gs	nam(HMM:3.7e-88)
18995	OJ000450_12.0410.C1.p8.gs	nam(HMM:3.2e-81)
18996	OJ990203_05.9819.C19.p2.gs	nam(HMM:4.4e-55)
18997	OJ990205_04.9819.C77.p1.gs	nam(HMM:6.6e-36)
18998	OJ990310_08.9819.C21.p2.gs	nam(HMM:2.4e-11)
18999	OJ990310_08.9819.C21.p6.gs	nam(HMM:9.4e-11)
19000	OJ990310_12.9819.C137.p1.gs	nam(HMM:9.5e-05)
19001	OJ990318_16.9819.C4.p6.gs	nam(HMM:1.1e-39)
19002	OJ990319_04.9819.C24.p2.gs	nam(HMM:4.2e-87)
19003	OJ990319_05.9819.C16.p4.gs	nam(HMM:9.6e-87)
19004	OJ990319_06.9C10.C47.p1.gs	nam(HMM:4.2e-87)
19005	OJ990323_14.9A18.C9.p5.gs	nam(HMM:8.8e-41)
19006	OJ990330_15.9923.C11.p1.gs	nam(HMM:1.9e-10)
19007	OJ990402_22.9819.C15.p1.gs	nam(HMM:4.7e-45)
19008	OJ990412_12.9A01.C33.p1.gs	nam(HMM:5.1e-08)
19009	OJ990421_32.9919.C3.p2.gs	nam(HMM:0.022)
19010	OJ990427_01.9A14.C21.p1.gs	nam(HMM:8.3e-09)
19011	OJ990427_01.9A14.C26.p2.gs	nam(HMM:2.2e-06)
19012	OJ990427_24.9922.C2.p3.gs	nam(HMM:3.1e-39)
19013	OJ990429_05.9924.C10.p3.gs	nam(HMM:1e-71)
19014	OJ990501_25.9604.C41.p2.gs	nam(HMM:9.7e-10)
19015	OJ990517_04.9A01.C74.p1.gs	nam(HMM:5.4e-07)
19016	OJ990518_06.9B05.C41.p2.gs	nam(HMM:8.4e-46)
19017	OJ990518_06.9B05.C41.p4.gs	nam(HMM:1e-09)
19018	OJ990518_06.9B05.C41.p7.gs	nam(HMM:2.5e-23)
19019	OJ990518_06.9B05.C44.p1.gs	nam(HMM:9.3e-06)
19020	OJ990520_03.9C23.C51.p2.gs	nam(HMM:6.8e-34)
19021	OJ990524_01.0421.C7.p1.gs	nam(HMM:1.7e-25)
19022	OJ990525_06.0421.C34.p2.gs	nam(HMM:6.4e-08)
19023	OJ990525_06.9C20.C40.p3.gs	nam(HMM:6.4e-08)
19024	OJ990527_22.9B17.C5.p9.gs	nam(HMM:6.2e-06)
19025	OJ990527_26.9C10.C2.p1.gs	nam(HMM:2.9e-85)
19026	OJ990527_26.9C10.C2.p8.gs	nam(HMM:1.6e-81)
19027	OJ990531_31.0419.C102.p3.gs	nam(HMM:1.3e-88)
19028	OJ990531_40.9C03.C1.p7.gs	nam(HMM:6.2e-81)
19029	OJ990601_08.9A22.C43.p2.gs	nam(HMM:2.2e-09)
19030	OJ990605_42.9C03.C3.p10.gs	nam(HMM:3.9e-08)
19031	OJ990608_02.0103.C36.p1.gs	nam(HMM:6.3e-08)
19032	OJ990612_36.9A05.C10.p4.gs	nam(HMM:4e-94)
19033	OJ990617_04.9A01.C3.p1.gs	nam(HMM:6.5e-64)
19034	OJ990617_04.9A01.C5.p1.gs	nam(HMM:9.5e-88)
19035	OJ990630_14.9C03.C3.p3.gs	nam(HMM:8.4e-65)
19036	OJ990704_50.9C17.C6.p1.gs	nam(HMM:4.6)
19037	OJ990705_39.9919.C11.p2.gs	nam(HMM:8.3e-09)
19038	OJ990705_39.9919.C3.p3.gs	nam(HMM:3.3e-06)
19039	OJ990716_10.9922.C5.p2.gs	nam(HMM:6.5e-06)
19040	OJ990723_09.9A14.C9.p3.gs	nam(HMM:1e-71)
19041	OJ990729_01.0114.C4.p2.gs	nam(HMM:9.4e-11)
19042	OJ990729_01.0114.C5.p4.gs	nam(HMM:2.4e-11)
19043	OJ990730_05.9C17.C9.p1.gs	nam(HMM:3.1e-41)
19044	OJ990805_01.9B19.C11.p3.gs	nam(HMM:3.1e-41)
19045	OJ990808_55.0309.C2.p5.gs	nam(HMM:1.6e-09)
19046	OJ990818_12.9924.C8.p1.gs	nam(HMM:2.8e-27)

19047	OJ990821_50.9C21.C4.p5.gs	nam(HMM:1.6e-09)
19048	OJ990822_44.0105.C13.p1.gs	nam(HMM:0.0008)
19049	OJ990826_13.0229.C12.p2.gs	nam(HMM:1.6e-09)
19050	OJ990826_13.0323.C11.p2.gs	nam(HMM:1.6e-09)
19051	OJ990827_07.9C08.C12.p3.gs	nam(HMM:0.0006)
19052	OJ990903_07.9B08.C10.p1.gs	nam(HMM:2.5e-23)
19053	OJ990903_07.9B08.C10.p6.gs	nam(HMM:8.4e-46)
19054	OJ990903_07.9B08.C21.p1.gs	nam(HMM:0.0085)
19055	OJ990903_07.9B08.C23.p1.gs	nam(HMM:1.2e-05)
19056	OJ990909_08.0222.C18.p2.gs	nam(HMM:1.2e-44)
19057	OJ990909_10.0114.C22.p1.gs	nam(HMM:2.8e-85)
19058	OJ990910_18.9C14.C5.p2.gs	nam(HMM:8.4e-65)
19059	OJ990917_17.9C10.C21.p4.gs	nam(HMM:1.3e-83)
19060	OJ990920_11.0131.C10.p7.gs	nam(HMM:7.2e-10)
19061	OJ990920_11.0131.C10.p9.gs	nam(HMM:7.6e-10)
19062	OJ991007_13.0106.C7.p2.gs	nam(HMM:2.9e-85)
19063	OJ991007_18.0120.C4.p8.gs	nam(HMM:4e-62)
19064	OJ991014_01.0111.C7.p3.gs	nam(HMM:5e-37)
19065	OJ991019_16.0118.C21.p4.gs	nam(HMM:1.6e-07)
19066	OJ991019_19.0306.C2.p6.gs	nam(HMM:1.6e-07)
19067	OJ991029_03.0127.C3.p4.gs	nam(HMM:1.3e-09)
19068	OJ991106_32.9C07.C2.p2.gs	nam(HMM:3.7e-14)
19069	OJ991106_32.9C07.C2.p4.gs	nam(HMM:4.7e-07)
19070	OJ991106_46.9C17.C3.p3.gs	nam(HMM:8.8e-77)
19071	OJ991107_45.0203.C15.p1.gs	nam(HMM:6.2e-81)
19072	OJ991108_12.0404.C9.p3.gs	nam(HMM:1.2e-78)
19073	OJ991111_05.0125.C7.p1.gs	nam(HMM:6.8e-34)
19074	OJ991114_36.0128.C4.p3.gs	nam(HMM:2.8e-58)
19075	OJ991118_17.0421.C4.p3.gs	nam(HMM:0.09)
19076	OJ991118_17.9C22.C4.p3.gs	nam(HMM:0.09)
19077	OJ991201_14.0118.C3.p3.gs	nam(HMM:2e-74)
19078	OJ991206_18.0131.C4.p7.gs	nam(HMM:1e-40)
19079	OJ991208_15.0103.C9.p1.gs	nam(HMM:4.6e-38)
19080	OJ991210_06.0110.C33.p2.gs	nam(HMM:8.4e-65)
19081	OJ991211_65.0317.C9.p1.gs	nam(HMM:4.4e-83)
19082	OJ991217_05.0131.C13.p1.gs	nam(HMM:1.2e-06)
19083	OJ991217_05.0131.C13.p4.gs	nam(HMM:4.8e-11)
19084	OJ000150_24.0124.C2.p17.gs	nap_family(HMM:7.4e-29)
19085	OJ000251_15.0321.C7.p4.gs	nap_family(HMM:3.3e-13)
19086	OJ000315_35.0410.C15.p1.gs	nap_family(HMM:2.3e-76)
19087	OJ000315_35.0420.C18.p2.gs	nap_family(HMM:2.3e-76)
19088	OJ000320_40.0413.C13.p11.gs	nap_family(HMM:4.4e-58)
19089	OJ990416_07.9B12.C39.p2.gs	nap_family(HMM:7.4e-29)
19090	Contig1.p1.gs	phd(HMM:0.17)
19091	OJ000102_74.0317.C17.p1.gs	phd(HMM:0.0043)
19092	OJ000102_74.0426.C17.p1.gs	phd(HMM:0.0043)
19093	OJ000112_09.0209.C6.p1.gs	phd(HMM:0.013)
19094	OJ000112_09.0303.C4.p2.gs	phd(HMM:0.013)
19095	OJ000112_09.0426.C4.p2.gs	phd(HMM:0.013)
19096	OJ000114_12.0208.C8.p2.gs	phd(HMM:1.1e-13)
19097	OJ000207_16.0301.C3.p3.gs	phd(HMM:1.4e-05)
19098	OJ000207_17.0306.C15.p1.gs	phd(HMM:1.1e-14)
19099	OJ000207_17.0323.C13.p1.gs	phd(HMM:1.1e-14)
19100	OJ000209_26.0229.C18.p1.gs	phd(HMM:1.9e-14)

19101	OJ000209_26.0229.C9.p2.gs	phd(HMM:6.5e-05)
19102	OJ000210_16.0330.C7.p1.gs	phd(HMM:5.1e-05)
19103	OJ000250_21.0225.C1.p1.gs	phd(HMM:0.17)
19104	OJ000250_39.0223.C9.p1.gs	phd(HMM:8e-13)
19105	OJ000301_02.0404.C7.p1.gs	phd(HMM:0.21)
19106	OJ000303_03.0419.C2.p3.gs	phd(HMM:6.3e-07)
19107	OJ000303_07.0419.C23.p1.gs	phd(HMM:6.5)
19108	OJ000307_12.0403.C23.p3.gs	phd(HMM:1.4e-05)
19109	OJ000313_17.0419.C14.p1.gs	phd(HMM:6.3e-07)
19110	OJ000314_14.0419.C3.p1.gs	phd(HMM:4.8e-12)
19111	OJ000316_06.0418.C41.p1.gs	phd(HMM:0.0011)
19112	OJ000321_06.0419.C38.p1.gs	phd(HMM:1.6e-11)
19113	OJ000321_20.0425.C17.p3.gs	phd(HMM:0.048)
19114	OJ000323_04.0424.C11.p3.gs	phd(HMM:0.098)
19115	OJ000327_33.0419.C43.p1.gs	phd(HMM:1.5e-10)
19116	OJ000350_00.0328.C17.p5.gs	phd(HMM:0.034)
19117	OJ000404_03.0424.C22.p1.gs	phd(HMM:5.1e-05)
19118	OJ000450_15.0411.C1.p3.gs	phd(HMM:1.4e-05)
19119	OJ990303_10.0420.C5.p1.gs	phd(HMM:1.8e-12)
19120	OJ990303_10.9819.C5.p1.gs	phd(HMM:1.8e-12)
19121	OJ990323_20.9A03.C10.p7.gs	phd(HMM:1.6e-11)
19122	OJ990330_17.9819.C15.p1.gs	phd(HMM:1.1e-13)
19123	OJ990331_10.9A01.C5.p11.gs	phd(HMM:0.014)
19124	OJ990409_04.9922.C19.p1.gs	phd(HMM:0.0043)
19125	OJ990428_05.9819.C55.p1.gs	phd(HMM:1.8e-14)
19126	OJ990429_03.9B02.C4.p7.gs	phd(HMM:0.0059)
19127	OJ990429_08.9C23.C14.p1.gs	phd(HMM:0.0059)
19128	OJ990502_21.9919.C5.p3.gs	phd(HMM:6.6)
19129	OJ990524_05.0103.C37.p1.gs	phd(HMM:0.038)
19130	OJ990617_06.9A27.C11.p1.gs	phd(HMM:0.024)
19131	OJ990620_39.9919.C20.p3.gs	phd(HMM:1.2e-06)
19132	OJ990709_11.9922.C1.p9.gs	phd(HMM:1.6e-11)
19133	OJ990727_08.9B05.C5.p3.gs	phd(HMM:3.5e-15)
19134	OJ990727_08.9B05.C9.p1.gs	phd(HMM:1.5e-10)
19135	OJ990802_16.9C17.C2.p1.gs	phd(HMM:0.027)
19136	OJ990808_43.0110.C2.p3.gs	phd(HMM:4.2e-14)
19137	OJ990821_61.9C20.C9.p1.gs	phd(HMM:1.2)
19138	OJ990822_41.0128.C4.p2.gs	phd(HMM:0.098)
19139	OJ990826_07.0103.C1.p1.gs	phd(HMM:0.00048)
19140	OJ990907_08.9B19.C6.p1.gs	phd(HMM:0.00074)
19141	OJ991008_20.0419.C29.p1.gs	phd(HMM:0.011)
19142	OJ991026_06.0218.C9.p6.gs	phd(HMM:0.014)
19143	OJ991107_47.0118.C17.p1.gs	phd(HMM:0.054)
19144	OJ991109_05.0121.C12.p1.gs	phd(HMM:1.5e-10)
19145	OJ991109_20.9C22.C25.p1.gs	phd(HMM:0.048)
19146	OJ991110_07.0225.C7.p6.gs	phd(HMM:1.6e-06)
19147	OJ991112_01.0403.C17.p3.gs	phd(HMM:4.9e-12)
19148	OJ000301_23.0419.C12.p1.gs	phd(HMM:0.001),set(HMM:8.3e-30)
19149	OJ990430_01.9C03.C46.p1.gs	phd(HMM:6.5),set(HMM:1.4e-32)
19150	OJ000119_08.0302.C10.p4.gs	phd(HMM:0.025),snf2_n(HMM:1.7e-35),zf-c3hc4(HMM:0.0027)
19151	OJ991214_03.0114.C4.p7.gs	phd(HMM:0.025),snf2_n(HMM:

19152	OJ000105_15.0207.C5.p12.gs	1.7e-35),zf-c3hc4(HMM:0.0027) phd(HMM:0.06),zf-c3hc4(HMM:1.4e-06)
19153	OJ000105_15.0426.C5.p12.gs	phd(HMM:0.06),zf-c3hc4(HMM:1.4e-06)
19154	OJ000250_27.0208.C18.p1.gs	phd(HMM:0.06),zf-c3hc4(HMM:1.4e-06)
19155	OJ000250_27.0303.C9.p7.gs	phd(HMM:0.06),zf-c3hc4(HMM:1.4e-06)
19156	OJ990807_32.0211.C15.p6.gs	phd(HMM:0.011),zf-c3hc4(HMM:8.2e-18)
19157	OJ990915_02.9A18.C14.p1.gs	phd(HMM:0.06),zf-c3hc4(HMM:1.4e-06)
19158	OJ991020_07.0202.C12.p4.gs	phd(HMM:0.31),zf-c3hc4(HMM:1.2e-11)
19159	OJ991210_01.0110.C1.p2.gs	phd(HMM:0.011),zf-c3hc4(HMM:3.3e-08)
19160	OJ000107_08.0330.C23.p3.gs	response_reg(HMM:9.4e-10)
19161	OJ000107_08.0426.C23.p3.gs	response_reg(HMM:9.4e-10)
19162	OJ000150_17.0124.C41.p1.gs	response_reg(HMM:5.7e-07)
19163	OJ000203_01.0222.C31.p4.gs	response_reg(HMM:1.6e-29)
19164	OJ000208_03.0310.C3.p1.gs	response_reg(HMM:2.2e-32)
19165	OJ000208_25.0419.C37.p1.gs	response_reg(HMM:7.4e-05)
19166	OJ000214_01.0308.C34.p3.gs	response_reg(HMM:5.7e-22)
19167	OJ000217_01.0308.C2.p1.gs	response_reg(HMM:1.6e-06)
19168	OJ000221_23.0317.C14.p2.gs	response_reg(HMM:2.2e-32)
19169	OJ000229_02.0323.C6.p6.gs	response_reg(HMM:5.7e-07)
19170	OJ000250_68.0211.C10.p2.gs	response_reg(HMM:6.4e-19)
19171	OJ000251_23.0216.C33.p1.gs	response_reg(HMM:9.4e-10)
19172	OJ000321_13.0424.C17.p1.gs	response_reg(HMM:5.7e-33)
19173	OJ000324_02.0417.C11.p1.gs	response_reg(HMM:8.1)
19174	OJ000327_05.0419.C4.p2.gs	response_reg(HMM:0.0023)
19175	OJ990203_01.9922.C19.p1.gs	response_reg(HMM:5.8e-16)
19176	OJ990416_04.9819.C5.p2.gs	response_reg(HMM:1.6e-29)
19177	OJ990426_02.0419.C175.p1.gs	response_reg(HMM:3.6e-32)
19178	OJ990426_02.9608.C56.p1.gs	response_reg(HMM:3.6e-32)
19179	OJ990426_31.0419.C35.p1.gs	response_reg(HMM:1.5e-25)
19180	OJ990427_23.9C03.C6.p2.gs	response_reg(HMM:3.6e-32)
19181	OJ990430_11.9A14.C52.p1.gs	response_reg(HMM:0.0055)
19182	OJ990517_09.9C23.C59.p1.gs	response_reg(HMM:3.4e-07)
19183	OJ990527_04.9C17.C30.p1.gs	response_reg(HMM:1.7e-17)
19184	OJ990527_06.0421.C15.p1.gs	response_reg(HMM:1.6e-10)
19185	OJ990723_09.9A14.C5.p1.gs	response_reg(HMM:5.7e-07)
19186	OJ990730_11.9B08.C7.p1.gs	response_reg(HMM:2.2e-29)
19187	OJ990820_06.0215.C12.p1.gs	response_reg(HMM:2.5e-09)
19188	OJ990915_02.9A18.C19.p1.gs	response_reg(HMM:5.7e-07)
19189	OJ991114_35.0419.C16.p2.gs	response_reg(HMM:1.9e-32)
19190	OJ991203_01.0128.C5.p2.gs	response_reg(HMM:1.9e-32)
19191	OJ000103_07.0224.C10.p1.gs	sbpb(HMM:2.8e-10)
19192	OJ000103_07.0426.C10.p1.gs	sbpb(HMM:2.8e-10)
19193	OJ000110_13.0222.C2.p1.gs	sbpb(HMM:1.8e-11)
19194	OJ000110_13.0426.C2.p1.gs	sbpb(HMM:1.8e-11)
19195	OJ000111_20.0215.C12.p2.gs	sbpb(HMM:7.1e-44)
19196	OJ000111_20.0426.C12.p2.gs	sbpb(HMM:7.1e-44)

19197	OJ000223_16.0320.C11.p2.gs	sbpb(HMM:7.1e-44)
19198	OJ000251_51.0217.C10.p2.gs	sbpb(HMM:7e-42)
19199	OJ000302_08.0410.C5.p3.gs	sbpb(HMM:1.1e-07)
19200	OJ000302_21.0419.C16.p2.gs	sbpb(HMM:0.088)
19201	OJ000320_29.0419.C12.p2.gs	sbpb(HMM:3.8e-42)
19202	OJ000324_21.0420.C5.p1.gs	sbpb(HMM:6.3e-38)
19203	OJ990331_10.9A01.C5.p10.gs	sbpb(HMM:7e-42)
19204	OJ990503_26.9B02.C8.p1.gs	sbpb(HMM:0.088)
19205	OJ990515_20.9924.C4.p4.gs	sbpb(HMM:1.7e-40)
19206	OJ990726_09.9B05.C2.p1.gs	sbpb(HMM:8.9e-33)
19207	OJ990822_51.9C23.C2.p1.gs	sbpb(HMM:1.1e-41)
19208	OJ990907_11.0103.C10.p2.gs	sbpb(HMM:7.5e-20)
19209	OJ990915_04.9B04.C7.p2.gs	sbpb(HMM:1.3e-23)
19210	OJ991026_06.0218.C10.p2.gs	sbpb(HMM:7e-42)
19211	OJ991116_12.0107.C7.p4.gs	sbpb(HMM:7.5e-20)
19212	OJ991206_04.0421.C6.p1.gs	sbpb(HMM:9.3e-45)
19213	OJ991206_04.9C30.C16.p1.gs	sbpb(HMM:9.3e-45)
19214	OJ991206_14.0215.C53.p12.gs	sbpb(HMM:9.3e-45)
19215	OJ991206_18.0131.C16.p1.gs	sbpb(HMM:1.7e-40)
19216	OJ000107_03.0207.C12.p1.gs	scr(HMM:5.7e-11)
19217	OJ000107_03.0207.C2.p1.gs	scr(HMM:1.3e-143)
19218	OJ000107_03.0207.C3.p3.gs	scr(HMM:1.7e-103)
19219	OJ000107_03.0207.C5.p1.gs	scr(HMM:2.2e-140)
19220	OJ000107_03.0207.C5.p2.gs	scr(HMM:1.3e-100)
19221	OJ000107_03.0207.C6.p1.gs	scr(HMM:4.1e-104)
19222	OJ000107_03.0310.C5.p1.gs	scr(HMM:1.3e-143)
19223	OJ000107_03.0310.C6.p3.gs	scr(HMM:7.1e-111)
19224	OJ000107_03.0310.C7.p2.gs	scr(HMM:2.2e-140)
19225	OJ000107_03.0310.C7.p3.gs	scr(HMM:1.3e-100)
19226	OJ000107_03.0310.C7.p4.gs	scr(HMM:1.9e-104)
19227	OJ000107_03.0426.C5.p1.gs	scr(HMM:1.3e-143)
19228	OJ000107_03.0426.C6.p3.gs	scr(HMM:7.1e-111)
19229	OJ000107_03.0426.C7.p2.gs	scr(HMM:2.2e-140)
19230	OJ000107_03.0426.C7.p3.gs	scr(HMM:1.3e-100)
19231	OJ000107_03.0426.C7.p4.gs	scr(HMM:1.9e-104)
19232	OJ000114_11.0217.C4.p1.gs	scr(HMM:6.2e-95)
19233	OJ000114_11.0217.C5.p1.gs	scr(HMM:0.0013)
19234	OJ000118_07.0215.C1.p4.gs	scr(HMM:1e-78)
19235	OJ000122_43.0303.C6.p3.gs	scr(HMM:2.2e-13)
19236	OJ000150_05.0124.C11.p1.gs	scr(HMM:2.6e-12)
19237	OJ000150_05.0124.C11.p3.gs	scr(HMM:2.1e-46)
19238	OJ000150_05.0421.C10.p1.gs	scr(HMM:2.6e-12)
19239	OJ000150_05.0421.C10.p3.gs	scr(HMM:2.1e-46)
19240	OJ000150_20.0124.C2.p1.gs	scr(HMM:1.4e-112)
19241	OJ000209_11.0307.C10.p1.gs	scr(HMM:1.7e-08)
19242	OJ000209_11.0307.C10.p4.gs	scr(HMM:2e-86)
19243	OJ000214_02.0321.C7.p1.gs	scr(HMM:3.2)
19244	OJ000214_28.0306.C14.p1.gs	scr(HMM:3.2e-07)
19245	OJ000216_07.0323.C1.p8.gs	scr(HMM:1.3e-103)
19246	OJ000221_20.0314.C9.p2.gs	scr(HMM:0.014)
19247	OJ000222_15.0406.C2.p2.gs	scr(HMM:2e-156)
19248	OJ000250_90.0214.C63.p1.gs	scr(HMM:2.2e-05)
19249	OJ000250_90.0214.C64.p2.gs	scr(HMM:7.6e-43)
19250	OJ000251_48.0228.C31.p9.gs	scr(HMM:6.8e-112)

19251	OJ000303_22.0419.C20.p1.gs	scr(HMM:2.4e-25)
19252	OJ000303_22.0419.C20.p2.gs	scr(HMM:2.2e-12)
19253	OJ000303_26.0411.C7.p3.gs	scr(HMM:1.3e-114)
19254	OJ000307_18.0410.C8.p1.gs	scr(HMM:9.5e-36)
19255	OJ000307_18.0420.C8.p1.gs	scr(HMM:9.5e-36)
19256	OJ000310_37.0419.C17.p2.gs	scr(HMM:1.3e-49)
19257	OJ000315_06.0413.C10.p1.gs	scr(HMM:2.6e-149)
19258	OJ000315_06.0420.C13.p1.gs	scr(HMM:2.6e-149)
19259	OJ000316_29.0424.C43.p1.gs	scr(HMM:1.4e-20)
19260	OJ000322_13.0420.C43.p1.gs	scr(HMM:1.6e-10)
19261	OJ000322_17.0419.C15.p1.gs	scr(HMM:1.3e-75)
19262	OJ000322_17.0419.C16.p1.gs	scr(HMM:2.7e-07)
19263	OJ000322_17.0419.C18.p1.gs	scr(HMM:8.6e-41)
19264	OJ000322_17.0419.C27.p1.gs	scr(HMM:3.2e-56)
19265	OJ000322_17.0419.C36.p2.gs	scr(HMM:4e-141)
19266	OJ000324_20.0419.C19.p2.gs	scr(HMM:5.7e-07)
19267	OJ000324_37.0419.C14.p1.gs	scr(HMM:1.3e-114)
19268	OJ000327_15.0424.C21.p1.gs	scr(HMM:1.1e-12)
19269	OJ000327_16.0420.C29.p1.gs	scr(HMM:2.6e-155)
19270	OJ000327_36.0418.C2.p2.gs	scr(HMM:7.7e-80)
19271	OJ000329_02.0418.C15.p2.gs	scr(HMM:7.7e-80)
19272	OJ000331_10.0419.C11.p1.gs	scr(HMM:2e-156)
19273	OJ990204_02.9819.C33.p2.gs	scr(HMM:3.1)
19274	OJ990301_09.9819.C7.p1.gs	scr(HMM:2.5e-29)
19275	OJ990318_06.0228.C7.p1.gs	scr(HMM:5.2e-09)
19276	OJ990330_14.0103.C7.p5.gs	scr(HMM:5.1e-14)
19277	OJ990331_08.9922.C15.p1.gs	scr(HMM:6.8e-10)
19278	OJ990402_02.9B05.C13.p3.gs	scr(HMM:9.9e-09)
19279	OJ990405_10.9819.C11.p3.gs	scr(HMM:3.9e-144)
19280	OJ990405_12.9819.C11.p1.gs	scr(HMM:0.0018)
19281	OJ990406_07.9C10.C31.p3.gs	scr(HMM:0.00011)
19282	OJ990414_06.9C10.C4.p1.gs	scr(HMM:1.2e-68)
19283	OJ990414_10.9819.C9.p1.gs	scr(HMM:0.49)
19284	OJ990414_11.9819.C18.p1.gs	scr(HMM:6.7e-135)
19285	OJ990415_08.9922.C11.p8.gs	scr(HMM:1.4e-133)
19286	OJ990421_11.9923.C10.p1.gs	scr(HMM:4.1e-77)
19287	OJ990421_11.9923.C25.p2.gs	scr(HMM:0.00015)
19288	OJ990422_26.9924.C14.p1.gs	scr(HMM:2.6e-59)
19289	OJ990423_04.9919.C9.p3.gs	scr(HMM:1.1e-97)
19290	OJ990427_01.9A14.C22.p1.gs	scr(HMM:0.00013)
19291	OJ990428_02.9A29.C11.p5.gs	scr(HMM:2.6e-22)
19292	OJ990430_24.9924.C10.p2.gs	scr(HMM:3.2e-21)
19293	OJ990520_13.9922.C5.p3.gs	scr(HMM:1.7e-30)
19294	OJ990520_25.9C17.C3.p2.gs	scr(HMM:0.00013)
19295	OJ990528_06.9C03.C33.p3.gs	scr(HMM:7.5e-158)
19296	OJ990617_05.9924.C16.p3.gs	scr(HMM:2e-156)
19297	OJ990617_06.9A27.C50.p1.gs	scr(HMM:2.3e-19)
19298	OJ990627_38.9B19.C3.p5.gs	scr(HMM:2.1e-30)
19299	OJ990627_41.9919.C7.p1.gs	scr(HMM:2.2)
19300	OJ990705_39.9919.C11.p7.gs	scr(HMM:2.9e-98)
19301	OJ990715_06.9A01.C6.p2.gs	scr(HMM:2.6e-32)
19302	OJ990723_10.9C01.C11.p2.gs	scr(HMM:3.9e-144)
19303	OJ990816_08.0419.C14.p1.gs	scr(HMM:9.3e-60)
19304	OJ990816_09.9B19.C35.p1.gs	scr(HMM:2.6e-37)

19305	OJ990818_05.9C01.C11.p4.gs	scr(HMM:3.2e-142)
19306	OJ990818_05.9C01.C11.p5.gs	scr(HMM:2e-118)
19307	OJ990818_09.9B08.C11.p1.gs	scr(HMM:1.1e-12)
19308	OJ990823_06.9B03.C17.p1.gs	scr(HMM:2.4e-11)
19309	OJ990826_01.9C28.C11.p1.gs	scr(HMM:7.7e-15)
19310	OJ990830_10.9C13.C6.p1.gs	scr(HMM:5.1e-56)
19311	OJ990907_10.0128.C10.p2.gs	scr(HMM:0.0034)
19312	OJ990907_16.9B23.C9.p4.gs	scr(HMM:0.0012)
19313	OJ991001_02.0202.C10.p1.gs	scr(HMM:6.6e-36)
19314	OJ991006_02.0113.C2.p5.gs	scr(HMM:1.7e-31)
19315	OJ991008_04.0121.C11.p2.gs	scr(HMM:1.8e-29)
19316	OJ991014_01.0111.C11.p5.gs	scr(HMM:6.6e-98)
19317	OJ991107_32.9C13.C2.p2.gs	scr(HMM:7.5e-158)
19318	OJ991112_08.0421.C1.p1.gs	scr(HMM:3.4e-31)
19319	OJ991112_08.9C22.C1.p1.gs	scr(HMM:1.9e-29)
19320	OJ991208_06.0107.C14.p1.gs	scr(HMM:0.0041)
19321	OJ991208_06.0107.C8.p4.gs	scr(HMM:0.0012)
19322	OJ991211_57.0228.C31.p1.gs	scr(HMM:2.1e-27)
19323	OJ991215_06.0118.C6.p18.gs	scr(HMM:2.6e-05)
19324	OJ000105_15.0207.C2.p2.gs	set(HMM:0.00081)
19325	OJ000105_15.0207.C3.p1.gs	set(HMM:5.3)
19326	OJ000105_15.0426.C2.p2.gs	set(HMM:0.00081)
19327	OJ000105_15.0426.C3.p1.gs	set(HMM:5.3)
19328	OJ000106_11.0413.C14.p3.gs	set(HMM:0.0023)
19329	OJ000106_11.0426.C14.p3.gs	set(HMM:0.0023)
19330	OJ000107_15.0222.C15.p2.gs	set(HMM:2.4e-36)
19331	OJ000107_15.0426.C15.p2.gs	set(HMM:2.4e-36)
19332	OJ000150_28.0124.C55.p3.gs	set(HMM:0.0023)
19333	OJ000150_28.0323.C55.p3.gs	set(HMM:0.0023)
19334	OJ000250_27.0208.C10.p2.gs	set(HMM:2.5e-12)
19335	OJ000250_27.0303.C6.p2.gs	set(HMM:2.5e-12)
19336	OJ000250_59.0214.C32.p3.gs	set(HMM:1.9e-30)
19337	OJ000250_85.0214.C14.p3.gs	set(HMM:0.0023)
19338	OJ000251_08.0218.C39.p1.gs	set(HMM:1.5e-16)
19339	OJ000302_02.0419.C20.p3.gs	set(HMM:5.6e-55)
19340	OJ000303_07.0419.C22.p3.gs	set(HMM:1.4e-32)
19341	OJ000306_05.0419.C14.p1.gs	set(HMM:1.4e-32)
19342	OJ000306_06.0403.C2.p1.gs	set(HMM:1.4e-32)
19343	OJ000310_06.0417.C11.p1.gs	set(HMM:1.1e-05)
19344	OJ000314_10.0411.C13.p1.gs	set(HMM:0.005)
19345	OJ000314_10.0420.C7.p1.gs	set(HMM:0.005)
19346	OJ000320_11.0419.C25.p1.gs	set(HMM:0.00036)
19347	OJ000321_03.0417.C2.p7.gs	set(HMM:1.3e-33)
19348	OJ000321_03.0426.C2.p7.gs	set(HMM:1.3e-33)
19349	OJ000321_21.0419.C9.p1.gs	set(HMM:1.5e-46)
19350	OJ000350_56.0322.C3.p3.gs	set(HMM:1.8e-46)
19351	OJ990311_06.0131.C68.p1.gs	set(HMM:3.8e-43)
19352	OJ990317_09.0421.C23.p3.gs	set(HMM:6.1e-57)
19353	OJ990317_09.9C20.C23.p3.gs	set(HMM:6.1e-57)
19354	OJ990406_06.9819.C22.p1.gs	set(HMM:2.1e-33)
19355	OJ990421_27.9B19.C13.p3.gs	set(HMM:3.5e-47)
19356	OJ990427_10.9927.C32.p1.gs	set(HMM:0.01)
19357	OJ990427_10.9927.C33.p1.gs	set(HMM:0.00012)
19358	OJ990428_08.9924.C35.p2.gs	set(HMM:2.1e-33)

19359	OJ990428_08.9924.C48.p1.gs	set(HMM:0.00076)
19360	OJ990430_01.9C03.C64.p1.gs	set(HMM:9.6e-05)
19361	OJ990502_29.9924.C2.p3.gs	set(HMM:3.5e-54)
19362	OJ990504_02.9A01.C24.p1.gs	set(HMM:6e-32)
19363	OJ990504_07.9C27.C5.p1.gs	set(HMM:2.1e-33)
19364	OJ990504_07.9C27.C54.p1.gs	set(HMM:6.6e-07)
19365	OJ990520_35.9922.C6.p3.gs	set(HMM:5.6e-55)
19366	OJ990524_07.0128.C11.p1.gs	set(HMM:1.9e-36)
19367	OJ990528_13.9C10.C29.p1.gs	set(HMM:7.6e-08)
19368	OJ990528_31.9919.C9.p1.gs	set(HMM:0.00012)
19369	OJ990708_04.9A01.C11.p1.gs	set(HMM:9.6e-05)
19370	OJ990722_13.9C03.C2.p1.gs	set(HMM:9e-12)
19371	OJ990810_10.9C23.C6.p1.gs	set(HMM:1.8e-46)
19372	OJ990903_12.9C01.C11.p1.gs	set(HMM:5.8e-45)
19373	OJ990915_17.9C23.C6.p1.gs	set(HMM:2.5e-17)
19374	OJ990915_17.9C23.C7.p1.gs	set(HMM:2e-08)
19375	OJ991021_11.0218.C10.p1.gs	set(HMM:5.5e-07)
19376	OJ991021_11.0218.C11.p1.gs	set(HMM:7.5e-08)
19377	OJ991101_12.0218.C10.p1.gs	set(HMM:3.5e-47)
19378	OJ991111_01.0218.C2.p5.gs	set(HMM:2.4e-17)
19379	OJ991111_04.0125.C2.p3.gs	set(HMM:2.4e-17)
19380	OJ991121_39.0229.C40.p1.gs	set(HMM:4.4e-22)
19381	OJ991201_06.0103.C13.p1.gs	set(HMM:0.00075)
19382	OJ991201_08.9C23.C2.p3.gs	set(HMM:6.1e-57)
19383	OJ991208_08.0128.C5.p1.gs	set(HMM:6e-32)
19384	OJ991209_08.0222.C4.p2.gs	set(HMM:6e-32)
19385	OJ991209_13.0301.C3.p12.gs	set(HMM:2.5e-37)
19386	OJ990301_10.9B03.C4.p2.gs	set(HMM:1.9e-36),zf- c2h2(HMM:1.2e-08)
19387	OJ000107_04.0210.C25.p1.gs	snf2_n(HMM:2.5e-20)
19388	OJ000107_04.0210.C28.p1.gs	snf2_n(HMM:0.0019)
19389	OJ000107_04.0426.C25.p1.gs	snf2_n(HMM:2.5e-20)
19390	OJ000107_04.0426.C28.p1.gs	snf2_n(HMM:0.0019)
19391	OJ000114_15.0310.C7.p5.gs	snf2_n(HMM:7.9e-85)
19392	OJ000204_08.0317.C4.p2.gs	snf2_n(HMM:4.8e-53)
19393	OJ000204_26.0307.C4.p1.gs	snf2_n(HMM:3.3e-89)
19394	OJ000207_17.0306.C17.p1.gs	snf2_n(HMM:1.4e-26)
19395	OJ000209_26.0229.C11.p1.gs	snf2_n(HMM:1.1e-28)
19396	OJ000210_17.0322.C21.p4.gs	snf2_n(HMM:1.7e-140)
19397	OJ000211_02.0327.C12.p1.gs	snf2_n(HMM:4e-14)
19398	OJ000250_15.0222.C8.p1.gs	snf2_n(HMM:6.6e-18)
19399	OJ000250_59.0214.C31.p1.gs	snf2_n(HMM:0.0031)
19400	OJ000250_59.0214.C32.p1.gs	snf2_n(HMM:5.6e-18)
19401	OJ000251_35.0218.C49.p1.gs	snf2_n(HMM:5.3e-18)
19402	OJ000314_10.0411.C2.p1.gs	snf2_n(HMM:2.4e-07)
19403	OJ000314_10.0411.C3.p1.gs	snf2_n(HMM:6.4e-60)
19404	OJ000314_10.0420.C1.p2.gs	snf2_n(HMM:1.1e-60)
19405	OJ000315_15.0424.C12.p1.gs	snf2_n(HMM:1.5e-66)
19406	OJ000321_27.0419.C10.p1.gs	snf2_n(HMM:3e-11)
19407	OJ000327_27.0417.C11.p1.gs	snf2_n(HMM:0.00023)
19408	OJ000330_24.0419.C10.p1.gs	snf2_n(HMM:5.3e-06)
19409	OJ000350_62.0404.C6.p8.gs	snf2_n(HMM:7.9e-85)
19410	OJ000350_67.0328.C17.p1.gs	snf2_n(HMM:6.6e-18)
19411	OJ990323_18.0419.C7.p1.gs	snf2_n(HMM:8.9e-103)



19412	OJ990423_06.9819.C10.p3.gs	snf2_n(HMM:1.7e-140)
19413	OJ990423_06.9819.C11.p1.gs	snf2_n(HMM:1.1e-13)
19414	OJ990423_06.9819.C26.p1.gs	snf2_n(HMM:2.7e-24)
19415	OJ990428_26.9819.C16.p1.gs	snf2_n(HMM:0.00073)
19416	OJ990503_03.9A01.C4.p1.gs	snf2_n(HMM:0.094)
19417	OJ990517_13.9A08.C12.p1.gs	snf2_n(HMM:1.7e-16)
19418	OJ990517_13.9A08.C6.p3.gs	snf2_n(HMM:1e-97)
19419	OJ990520_22.9A22.C6.p1.gs	snf2_n(HMM:0.013)
19420	OJ990617_13.9B24.C1.p2.gs	snf2_n(HMM:0.081)
19421	OJ990618_12.9921.C48.p1.gs	snf2_n(HMM:5.4e-73)
19422	OJ990619_53.9A29.C12.p1.gs	snf2_n(HMM:6.9e-20)
19423	OJ990721_06.9B05.C3.p1.gs	snf2_n(HMM:1.9e-42)
19424	OJ990808_45.9C06.C7.p1.gs	snf2_n(HMM:5.8e-06)
19425	OJ990903_13.0225.C30.p1.gs	snf2_n(HMM:5.4e-134)
19426	OJ991015_03.0302.C2.p1.gs	snf2_n(HMM:1.4e-07)
19427	OJ991022_17.0225.C19.p1.gs	snf2_n(HMM:4e-57)
19428	OJ991113_45.0419.C5.p1.gs	snf2_n(HMM:9.8e-05)
19429	OJ991215_18.0306.C28.p3.gs	snf2_n(HMM:1.4e-110)
19430	OJ000103_03.0204.C2.p6.gs	snf2_n(HMM:1.8e-94),zf-c3hc4(HMM:7.9e-05)
19431	OJ000103_03.0426.C2.p6.gs	snf2_n(HMM:1.8e-94),zf-c3hc4(HMM:7.9e-05)
19432	OJ000250_59.0214.C30.p13.gs	snf2_n(HMM:2.9e-06),zf-c3hc4(HMM:1.4e-06)
19433	OJ000250_70.0214.C7.p3.gs	snf2_n(HMM:1.8e-94),zf-c3hc4(HMM:7.9e-05)
19434	OJ000250_70.0303.C3.p3.gs	snf2_n(HMM:1.8e-94),zf-c3hc4(HMM:7.9e-05)
19435	OJ000302_03.0407.C10.p2.gs	snf2_n(HMM:2e-96),zf-c3hc4(HMM:0.00054)
19436	OJ000320_32.0419.C1.p1.gs	snf2_n(HMM:1.6e-12),zf-c3hc4(HMM:7.9e-05)
19437	OJ000350_43.0317.C20.p1.gs	snf2_n(HMM:5.4e-73),zf-c3hc4(HMM:6.3e-10)
19438	OJ990405_09.9819.C35.p1.gs	snf2_n(HMM:2.3e-73),zf-c3hc4(HMM:6.3e-10)
19439	OJ990517_12.9A29.C9.p4.gs	snf2_n(HMM:1.8e-94),zf-c3hc4(HMM:7.9e-05)
19440	OJ990527_20.0419.C58.p2.gs	snf2_n(HMM:5.4e-73),zf-c3hc4(HMM:6.3e-10)
19441	OJ990619_46.0103.C7.p3.gs	snf2_n(HMM:1.8e-94),zf-c3hc4(HMM:7.9e-05)
19442	OJ990826_03.0103.C11.p2.gs	snf2_n(HMM:2.2e-11),zf-c3hc4(HMM:1.4e-09)
19443	OJ991028_10.0118.C2.p1.gs	snf2_n(HMM:1.8e-94),zf-c3hc4(HMM:7.9e-05)
19444	OJ991119_18.9C21.C30.p2.gs	snf2_n(HMM:1.1e-94),zf-c3hc4(HMM:7.9e-05)
19445	OJ000150_15.0124.C22.p1.gs	srf-tf(HMM:5.3e-35)
19446	OJ000150_17.0124.C78.p1.gs	srf-tf(HMM:0.46)
19447	OJ000150_31.0124.C11.p1.gs	srf-tf(HMM:0.075)
19448	OJ000150_31.0124.C16.p1.gs	srf-tf(HMM:0.075)
19449	OJ000150_31.0124.C18.p2.gs	srf-tf(HMM:0.46)
19450	OJ000150_31.0124.C19.p1.gs	srf-tf(HMM:0.76)

19451	OJ000150_31.0124.C41.p1.gs	srf-tf(HMM:0.46)
19452	OJ000209_23.0320.C9.p1.gs	srf-tf(HMM:8.7e-28)
19453	OJ000211_08.0323.C11.p2.gs	srf-tf(HMM:8.7e-09)
19454	OJ000217_13.0320.C4.p4.gs	srf-tf(HMM:1.2e-26)
19455	OJ000224_03.0404.C5.p1.gs	srf-tf(HMM:2.4e-23)
19456	OJ000250_82.0320.C49.p1.gs	srf-tf(HMM:6.1e-34)
19457	OJ000301_17.0410.C6.p1.gs	srf-tf(HMM:1.6e-15)
19458	OJ000320_03.0419.C35.p1.gs	srf-tf(HMM:3.9)
19459	OJ990202_02.9819.C25.p1.gs	srf-tf(HMM:2e-15)
19460	OJ990318_15.9819.C2.p5.gs	srf-tf(HMM:0.0013)
19461	OJ990421_05.9C03.C12.p1.gs	srf-tf(HMM:2e-17)
19462	OJ990421_05.9C03.C38.p1.gs	srf-tf(HMM:1.4e-21)
19463	OJ990510_04.9919.C18.p3.gs	srf-tf(HMM:0.00063)
19464	OJ990510_04.9919.C19.p2.gs	srf-tf(HMM:0.46)
19465	OJ990510_04.9919.C20.p3.gs	srf-tf(HMM:0.075)
19466	OJ990527_36.9922.C5.p1.gs	srf-tf(HMM:1.6e-15)
19467	OJ990618_10.9C10.C14.p1.gs	srf-tf(HMM:1.4e-13)
19468	OJ990713_05.9924.C3.p3.gs	srf-tf(HMM:2.7e-12)
19469	OJ990822_51.9C23.C7.p2.gs	srf-tf(HMM:1.9e-17)
19470	OJ990823_06.9B03.C13.p1.gs	srf-tf(HMM:1.5e-38)
19471	OJ990826_02.9B04.C1.p1.gs	srf-tf(HMM:1.7)
19472	OJ990914_19.9B01.C2.p3.gs	srf-tf(HMM:5.3e-36)
19473	OJ990915_06.9B15.C22.p1.gs	srf-tf(HMM:3.5e-14)
19474	OJ990923_18.9B12.C11.p1.gs	srf-tf(HMM:0.76)
19475	OJ990923_18.9B12.C12.p2.gs	srf-tf(HMM:0.075)
19476	OJ991011_14.0207.C11.p1.gs	srf-tf(HMM:3.1e-38)
19477	OJ991012_15.0225.C4.p1.gs	srf-tf(HMM:1.3e-14)
19478	OJ991112_16.0104.C7.p4.gs	srf-tf(HMM:8e-22)
19479	OJ991117_15.0331.C5.p1.gs	srf-tf(HMM:1.6e-15)
19480	OJ991208_14.0104.C2.p2.gs	srf-tf(HMM:0.46)
19481	OJ991208_14.0104.C20.p4.gs	srf-tf(HMM:0.075)
19482	OJ991214_09.0112.C5.p6.gs	srf-tf(HMM:0.075)
19483	OJ991214_09.0112.C5.p8.gs	srf-tf(HMM:0.46)
19484	OJ000113_05.0222.C14.p1.gs	tbp(HMM:0.0047)
19485	OJ000113_05.0426.C14.p1.gs	tbp(HMM:0.0047)
19486	OJ000110_19.0303.C9.p2.gs	teo(HMM:3.1e-35)
19487	OJ000110_19.0426.C9.p2.gs	teo(HMM:3.1e-35)
19488	OJ000113_22.0225.C12.p1.gs	teo(HMM:8.6e-34)
19489	OJ000209_20.0313.C23.p1.gs	teo(HMM:7.4e-13)
19490	OJ000250_48.0211.C10.p1.gs	teo(HMM:9.6e-05)
19491	OJ000301_06.0419.C13.p4.gs	teo(HMM:2.2e-30)
19492	OJ000310_32.0419.C7.p2.gs	teo(HMM:2.1e-36)
19493	OJ000314_31.0419.C6.p2.gs	teo(HMM:3.9e-37)
19494	OJ000315_29.0419.C13.p2.gs	teo(HMM:3.9e-37)
19495	OJ000321_12.0419.C13.p2.gs	teo(HMM:2.7e-30)
19496	OJ000321_38.0419.C16.p7.gs	teo(HMM:2.9e-24)
19497	OJ000328_06.0419.C18.p1.gs	teo(HMM:2.6e-32)
19498	OJ990421_04.9919.C46.p2.gs	teo(HMM:0.0054)
19499	OJ990422_22.9819.C6.p3.gs	teo(HMM:5.1e-30)
19500	OJ990620_35.0114.C7.p7.gs	teo(HMM:2.7e-30)
19501	OJ990729_12.9B19.C18.p4.gs	teo(HMM:2.2e-30)
19502	OJ991007_18.0120.C6.p2.gs	teo(HMM:5.2e-30)
19503	OJ991013_10.0110.C11.p2.gs	teo(HMM:8.4e-41)
19504	OJ991119_17.0126.C12.p1.gs	teo(HMM:2.1e-36)

19505	OJ991217_20.0218.C9.p7.gs	teo(HMM:0.0045)
19506	OJ000229_15.0419.C10.p2.gs	tfiis(HMM:1.1e-21)
19507	OJ000302_11.0403.C6.p3.gs	tfiis(HMM:1.9e-15)
19508	OJ000350_70.0328.C6.p3.gs	tfiis(HMM:1.1e-21)
19509	OJ991027_14.0308.C27.p1.gs	tfiis(HMM:1.1e-21)
19510	OJ991113_35.0112.C2.p8.gs	tfiis(HMM:1.9e-15)
19511	OJ000122_36.0307.C39.p1.gs	transcript_fac2(HMM:7.1e-25)
19512	OJ000250_93.0307.C13.p1.gs	transcript_fac2(HMM:7.1e-25)
19513	OJ990602_03.0107.C39.p1.gs	transcript_fac2(HMM:3.7e-50)
19514	OJ990602_03.0107.C4.p1.gs	transcript_fac2(HMM:3.6e-16)
19515	OJ990823_08.9B10.C5.p3.gs	transcript_fac2(HMM:1.4e-56)
19516	OJ000118_12.0215.C22.p1.gs	trihelix(HMM:5.2e-10)
19517	OJ000125_02.0303.C27.p1.gs	trihelix(HMM:0.4)
19518	OJ000223_09.0322.C5.p4.gs	trihelix(HMM:7.2e-42)
19519	OJ000223_14.0323.C22.p1.gs	trihelix(HMM:0.4)
19520	OJ000250_65.0217.C5.p5.gs	trihelix(HMM:0.2)
19521	OJ000250_76.0214.C15.p1.gs	trihelix(HMM:5.2e-10)
19522	OJ000251_26.0303.C7.p2.gs	trihelix(HMM:0.4)
19523	OJ000251_26.0323.C8.p2.gs	trihelix(HMM:0.4)
19524	OJ000251_48.0228.C48.p1.gs	trihelix(HMM:3.6)
19525	OJ000310_06.0417.C14.p1.gs	trihelix(HMM:0.0013)
19526	OJ990318_06.0228.C89.p1.gs	trihelix(HMM:3.6)
19527	OJ990408_08.9B12.C14.p1.gs	trihelix(HMM:0.00059)
19528	OJ990408_08.9B12.C30.p1.gs	trihelix(HMM:1.4e-124)
19529	OJ990421_23.9923.C5.p2.gs	trihelix(HMM:5.2e-118)
19530	OJ990429_24.0128.C28.p1.gs	trihelix(HMM:2.1e-55)
19531	OJ990429_24.0128.C29.p1.gs	trihelix(HMM:2.2e-60)
19532	OJ990831_01.0419.C11.p1.gs	trihelix(HMM:1.2e-58)
19533	OJ990831_01.0419.C12.p1.gs	trihelix(HMM:4.6e-46)
19534	OJ990915_06.9B15.C10.p1.gs	trihelix(HMM:3e-46)
19535	OJ990923_10.9A29.C13.p1.gs	trihelix(HMM:9.4e-14)
19536	OJ991110_16.0410.C18.p1.gs	trihelix(HMM:2.1e-55)
19537	OJ991202_15.0118.C1.p6.gs	trihelix(HMM:1.3)
19538	OJ000110_03.0426.C14.p1.gs	wrky(HMM:1.2e-16)
19539	OJ000110_04.0426.C19.p3.gs	wrky(HMM:5e-42)
19540	OJ000110_04.0426.C7.p2.gs	wrky(HMM:1.1e-43)
19541	OJ000111_13.0222.C2.p1.gs	wrky(HMM:1.5e-10)
19542	OJ000111_13.0426.C2.p1.gs	wrky(HMM:1.5e-10)
19543	OJ000114_19.0307.C8.p6.gs	wrky(HMM:8.6e-87)
19544	OJ000119_08.0302.C10.p3.gs	wrky(HMM:7.8e-23)
19545	OJ000130_45.0328.C11.p2.gs	wrky(HMM:5e-22)
19546	OJ000130_45.0328.C3.p6.gs	wrky(HMM:4.5e-29)
19547	OJ000150_00.0124.C17.p1.gs	wrky(HMM:2.1e-10)
19548	OJ000150_00.0124.C61.p1.gs	wrky(HMM:1.2e-37)
19549	OJ000207_27.0406.C33.p2.gs	wrky(HMM:1.2e-43)
19550	OJ000208_25.0419.C15.p1.gs	wrky(HMM:2.6e-40)
19551	OJ000210_10.0307.C3.p2.gs	wrky(HMM:4.6e-34)
19552	OJ000216_03.0330.C44.p1.gs	wrky(HMM:1.9e-41)
19553	OJ000217_16.0403.C2.p3.gs	wrky(HMM:1.2e-27)
19554	OJ000222_09.0330.C10.p2.gs	wrky(HMM:7.6e-39)
19555	OJ000222_15.0406.C2.p10.gs	wrky(HMM:1.3e-07)
19556	OJ000222_15.0406.C3.p1.gs	wrky(HMM:0.0095)
19557	OJ000229_06.0323.C14.p6.gs	wrky(HMM:2.4e-39)
19558	OJ000250_12.0209.C20.p3.gs	wrky(HMM:2e-09)

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19559	OJ000250_31.0217.C50.p1.gs	wrky(HMM:3.8e-16)
19560	OJ000250_52.0214.C21.p2.gs	wrky(HMM:1.6e-67)
19561	OJ000250_71.0214.C38.p2.gs	wrky(HMM:1.5e-38)
19562	OJ000251_09.0406.C4.p1.gs	wrky(HMM:8.1e-24)
19563	OJ000251_45.0217.C20.p1.gs	wrky(HMM:8.7e-40)
19564	OJ000251_47.0320.C15.p1.gs	wrky(HMM:5e-42)
19565	OJ000301_27.0419.C18.p3.gs	wrky(HMM:4.5e-32)
19566	OJ000302_07.0407.C5.p1.gs	wrky(HMM:4.6e-35)
19567	OJ000303_03.0419.C12.p2.gs	wrky(HMM:1.9e-41)
19568	OJ000303_13.0407.C26.p3.gs	wrky(HMM:4.5e-32)
19569	OJ000307_27.0419.C17.p2.gs	wrky(HMM:7e-35)
19570	OJ000307_28.0417.C2.p1.gs	wrky(HMM:3.3e-42)
19571	OJ000310_09.0419.C25.p1.gs	wrky(HMM:2.2e-34)
19572	OJ000310_18.0418.C8.p3.gs	wrky(HMM:2.2e-31)
19573	OJ000310_18.0418.C9.p1.gs	wrky(HMM:3.7e-39)
19574	OJ000314_32.0412.C7.p3.gs	wrky(HMM:1.1e-23)
19575	OJ000314_36.0419.C13.p2.gs	wrky(HMM:7e-35)
19576	OJ000314_36.0419.C4.p2.gs	wrky(HMM:1.2e-37)
19577	OJ000320_17.0420.C7.p1.gs	wrky(HMM:2.5e-40)
19578	OJ000320_21.0419.C22.p2.gs	wrky(HMM:7.8e-41)
19579	OJ000320_21.0419.C7.p3.gs	wrky(HMM:4.6e-34)
19580	OJ000321_11.0419.C16.p1.gs	wrky(HMM:7.8e-41)
19581	OJ000323_08.0419.C11.p1.gs	wrky(HMM:1.1e-40)
19582	OJ000327_14.0420.C20.p2.gs	wrky(HMM:2.2e-22)
19583	OJ000327_14.0420.C24.p3.gs	wrky(HMM:1.2e-20)
19584	OJ000327_14.0420.C3.p1.gs	wrky(HMM:5.8e-15)
19585	OJ000327_15.0424.C8.p1.gs	wrky(HMM:0.0028)
19586	OJ000327_16.0420.C33.p2.gs	wrky(HMM:1.3e-07)
19587	OJ000327_16.0420.C33.p3.gs	wrky(HMM:0.0095)
19588	OJ000327_24.0425.C25.p2.gs	wrky(HMM:9.4e-40)
19589	OJ000328_19.0419.C27.p4.gs	wrky(HMM:2.2e-34)
19590	OJ000330_26.0419.C29.p1.gs	wrky(HMM:2.2e-09)
19591	OJ000331_10.0419.C14.p2.gs	wrky(HMM:1.3e-07)
19592	OJ000331_10.0419.C14.p3.gs	wrky(HMM:0.0095)
19593	OJ000331_13.0420.C2.p2.gs	wrky(HMM:7.8e-23)
19594	OJ000350_24.0314.C17.p1.gs	wrky(HMM:1.6e-91)
19595	OJ000350_55.0419.C10.p1.gs	wrky(HMM:0.00039)
19596	OJ000403_18.0419.C10.p1.gs	wrky(HMM:7.5e-34)
19597	OJ000404_07.0421.C1.p1.gs	wrky(HMM:8.6e-87)
19598	OJ990323_15.9A11.C3.p3.gs	wrky(HMM:1.2e-37)
19599	OJ990325_03.9A14.C37.p1.gs	wrky(HMM:1.1)
19600	OJ990402_32.9819.C8.p4.gs	wrky(HMM:3e-37)
19601	OJ990414_06.9C10.C5.p2.gs	wrky(HMM:5.6e-88)
19602	OJ990414_10.9819.C2.p3.gs	wrky(HMM:1.3e-07)
19603	OJ990414_10.9819.C2.p4.gs	wrky(HMM:0.0095)
19604	OJ990414_11.9819.C10.p4.gs	wrky(HMM:1.8e-40)
19605	OJ990415_08.9922.C11.p7.gs	wrky(HMM:5.6e-88)
19606	OJ990421_05.9C03.C27.p1.gs	wrky(HMM:6.3e-27)
19607	OJ990428_05.9819.C11.p1.gs	wrky(HMM:1.3e-09)
19608	OJ990428_05.9819.C26.p2.gs	wrky(HMM:2.2e-09)
19609	OJ990428_05.9819.C57.p1.gs	wrky(HMM:1.3e-09)
19610	OJ990428_05.9819.C75.p1.gs	wrky(HMM:0.011)
19611	OJ990428_26.9819.C11.p3.gs	wrky(HMM:0.0007)
19612	OJ990428_26.9819.C12.p1.gs	wrky(HMM:2.2e-07)

19613	OJ990503_08.9924.C50.p1.gs	wrky(HMM:0.14)
19614	OJ990503_08.9924.C52.p3.gs	wrky(HMM:2.2e-22)
19615	OJ990503_08.9924.C74.p1.gs	wrky(HMM:5.8e-15)
19616	OJ990503_08.9924.C96.p2.gs	wrky(HMM:0.024)
19617	OJ990513_03.9924.C9.p5.gs	wrky(HMM:6.5e-26)
19618	OJ990524_11.9921.C11.p4.gs	wrky(HMM:3.8e-12)
19619	OJ990528_01.9921.C25.p1.gs	wrky(HMM:1.5e-46)
19620	OJ990528_10.0419.C75.p1.gs	wrky(HMM:4.8e-39)
19621	OJ990603_08.0419.C13.p1.gs	wrky(HMM:1.3e-07)
19622	OJ990605_41.0225.C1.p2.gs	wrky(HMM:1.1e-43)
19623	OJ990617_02.9B01.C14.p1.gs	wrky(HMM:0.016)
19624	OJ990619_39.9C10.C2.p2.gs	wrky(HMM:9.4e-40)
19625	OJ990627_47.9A01.C12.p3.gs	wrky(HMM:1e-22)
19626	OJ990627_47.9A01.C6.p1.gs	wrky(HMM:4.9e-13)
19627	OJ990627_47.9A01.C7.p1.gs	wrky(HMM:1.2e-20)
19628	OJ990627_47.9A01.C9.p1.gs	wrky(HMM:2.2e-22)
19629	OJ990709_08.9C10.C2.p2.gs	wrky(HMM:8.6e-87)
19630	OJ990716_09.9B08.C2.p1.gs	wrky(HMM:2.2e-38)
19631	OJ990802_09.9B24.C2.p1.gs	wrky(HMM:6.1e-61)
19632	OJ990804_05.9B12.C17.p2.gs	wrky(HMM:2.2e-09)
19633	OJ990804_05.9B12.C18.p1.gs	wrky(HMM:0.011)
19634	OJ990818_16.9C10.C39.p2.gs	wrky(HMM:2.4e-39)
19635	OJ990820_06.0215.C5.p2.gs	wrky(HMM:7.6e-39)
19636	OJ990821_61.9C20.C7.p1.gs	wrky(HMM:1.2e-43)
19637	OJ990825_14.9B15.C13.p1.gs	wrky(HMM:8.7e-28)
19638	OJ990825_14.9B15.C13.p3.gs	wrky(HMM:3.4e-06)
19639	OJ990825_14.9B15.C3.p1.gs	wrky(HMM:2.2e-20)
19640	OJ990826_07.0103.C10.p8.gs	wrky(HMM:1.9e-41)
19641	OJ990913_14.9B19.C18.p3.gs	wrky(HMM:1.9e-41)
19642	OJ990917_16.9B08.C13.p1.gs	wrky(HMM:1.1e-40)
19643	OJ991022_09.0210.C10.p3.gs	wrky(HMM:1.2e-20)
19644	OJ991022_09.0210.C13.p2.gs	wrky(HMM:2.2e-22)
19645	OJ991022_09.0210.C14.p6.gs	wrky(HMM:2.2e-08)
19646	OJ991022_09.0210.C17.p2.gs	wrky(HMM:5.8e-15)
19647	OJ991026_12.0202.C2.p1.gs	wrky(HMM:1.3e-09)
19648	OJ991026_12.0202.C3.p1.gs	wrky(HMM:0.00011)
19649	OJ991028_05.0211.C2.p1.gs	wrky(HMM:1.1e-40)
19650	OJ991106_42.0103.C4.p1.gs	wrky(HMM:0.0012)
19651	OJ991106_42.0103.C4.p3.gs	wrky(HMM:1.8e-12)
19652	OJ991108_07.0125.C2.p5.gs	wrky(HMM:2.9e-15)
19653	OJ991109_03.0218.C14.p2.gs	wrky(HMM:1.2e-16)
19654	OJ991110_15.0218.C9.p5.gs	wrky(HMM:1.4e-39)
19655	OJ991114_35.0419.C23.p1.gs	wrky(HMM:1.9)
19656	OJ991202_08.0421.C36.p6.gs	wrky(HMM:0.01)
19657	OJ991202_08.9C30.C35.p1.gs	wrky(HMM:0.01)
19658	OJ991203_01.0128.C6.p3.gs	wrky(HMM:5.8e-20)
19659	OJ991214_03.0114.C4.p5.gs	wrky(HMM:7.8e-23)
19660	OJ991215_01.0113.C8.p3.gs	wrky(HMM:6.5e-26)
19661	OJ991216_02.0218.C15.p2.gs	wrky(HMM:7.3e-36)
19662	OJ991216_03.0419.C6.p3.gs	wrky(HMM:1.9e-41)
19663	OJ991217_03.0211.C3.p2.gs	wrky(HMM:0.00011)
19664	OJ991217_03.0303.C3.p2.gs	wrky(HMM:0.00011)
19665	OJ991220_02.0127.C2.p3.gs	wrky(HMM:4.5e-32)
19666	OJ991226_43.0315.C5.p1.gs	wrky(HMM:1.1e-40)



19708	OJ000251_12.0217.C37.p1.gs	zf-c2h2(HMM:1.3e-08)
19709	OJ000251_40.0303.C38.p1.gs	zf-c2h2(HMM:8.8e-09)
19710	OJ000251_45.0217.C17.p1.gs	zf-c2h2(HMM:0.0051)
19711	OJ000303_24.0327.C9.p1.gs	zf-c2h2(HMM:0.0032)
19712	OJ000303_27.0328.C8.p7.gs	zf-c2h2(HMM:0.0032)
19713	OJ000308_22.0419.C20.p2.gs	zf-c2h2(HMM:0.011)
19714	OJ000310_12.0419.C19.p1.gs	zf-c2h2(HMM:1e-10)
19715	OJ000310_31.0425.C2.p4.gs	zf-c2h2(HMM:0.1)
19716	OJ000313_31.0421.C13.p1.gs	zf-c2h2(HMM:4.9e-07)
19717	OJ000314_11.0421.C6.p1.gs	zf-c2h2(HMM:0.036)
19718	OJ000316_14.0419.C28.p1.gs	zf-c2h2(HMM:3.8e-07)
19719	OJ000320_08.0419.C30.p2.gs	zf-c2h2(HMM:0.0002)
19720	OJ000321_17.0419.C13.p2.gs	zf-c2h2(HMM:4.5e-09)
19721	OJ000322_05.0419.C9.p1.gs	zf-c2h2(HMM:0.038)
19722	OJ000322_12.0424.C17.p1.gs	zf-c2h2(HMM:0.00052)
19723	OJ000322_17.0419.C9.p1.gs	zf-c2h2(HMM:0.0042)
19724	OJ000324_27.0420.C35.p1.gs	zf-c2h2(HMM:1.7e-08)
19725	OJ000327_15.0424.C39.p2.gs	zf-c2h2(HMM:7.2e-05)
19726	OJ000327_15.0424.C39.p4.gs	zf-c2h2(HMM:1.8e-10)
19727	OJ000327_29.0419.C29.p2.gs	zf-c2h2(HMM:2.3e-09)
19728	OJ000330_11.0419.C27.p2.gs	zf-c2h2(HMM:1.6e-08)
19729	OJ000330_11.0419.C29.p1.gs	zf-c2h2(HMM:3.9e-06)
19730	OJ000330_40.0424.C11.p1.gs	zf-c2h2(HMM:9.7e-05)
19731	OJ000331_09.0418.C1.p3.gs	zf-c2h2(HMM:0.1)
19732	OJ000350_16.0419.C44.p1.gs	zf-c2h2(HMM:2.4e-08)
19733	OJ000350_16.0419.C47.p1.gs	zf-c2h2(HMM:1.7e-08)
19734	OJ000350_67.0328.C4.p1.gs	zf-c2h2(HMM:2e-17)
19735	OJ000403_04.0421.C8.p2.gs	zf-c2h2(HMM:1.7e-08)
19736	OJ000404_22.0424.C14.p3.gs	zf-c2h2(HMM:3.4e-08)
19737	OJ000404_22.0424.C27.p1.gs	zf-c2h2(HMM:2.1e-08)
19738	OJ990301_08.9819.C35.p1.gs	zf-c2h2(HMM:6.2e-06)
19739	OJ990301_09.9819.C4.p5.gs	zf-c2h2(HMM:2.8e-08)
19740	OJ990318_08.9C23.C91.p2.gs	zf-c2h2(HMM:2.3e-15)
19741	OJ990325_01.9C03.C15.p1.gs	zf-c2h2(HMM:0.026)
19742	OJ990325_02.0420.C78.p3.gs	zf-c2h2(HMM:0.0002)
19743	OJ990325_02.9921.C46.p1.gs	zf-c2h2(HMM:0.0002)
19744	OJ990326_01.9C01.C19.p2.gs	zf-c2h2(HMM:5.6e-10)
19745	OJ990331_10.9A01.C5.p19.gs	zf-c2h2(HMM:1.8e-10)
19746	OJ990412_06.9922.C13.p5.gs	zf-c2h2(HMM:0.0002)
19747	OJ990423_08.9924.C10.p1.gs	zf-c2h2(HMM:2.3e-15)
19748	OJ990428_06.9A08.C33.p3.gs	zf-c2h2(HMM:0.0032)
19749	OJ990429_07.9927.C27.p2.gs	zf-c2h2(HMM:2.6e-11)
19750	OJ990430_01.9C03.C68.p1.gs	zf-c2h2(HMM:2.3e-08)
19751	OJ990430_26.9B12.C13.p2.gs	zf-c2h2(HMM:1.7e-29)
19752	OJ990517_24.9A01.C21.p4.gs	zf-c2h2(HMM:1.6e-06)
19753	OJ990524_03.0103.C37.p2.gs	zf-c2h2(HMM:0.059)
19754	OJ990524_07.0128.C28.p4.gs	zf-c2h2(HMM:1.2e-08)
19755	OJ990527_24.9A20.C4.p4.gs	zf-c2h2(HMM:1.6e-06)
19756	OJ990528_06.9C03.C33.p1.gs	zf-c2h2(HMM:0.023)
19757	OJ990530_44.9819.C1.p8.gs	zf-c2h2(HMM:7.8e-08)
19758	OJ990603_03.0419.C15.p1.gs	zf-c2h2(HMM:0.085)
19759	OJ990630_02.9C01.C5.p2.gs	zf-c2h2(HMM:0.0002)
19760	OJ990706_08.9A01.C8.p4.gs	zf-c2h2(HMM:5.3e-09)
19761	OJ990715_06.9A01.C3.p11.gs	zf-c2h2(HMM:6.5e-10)

19762	OJ990720_13.9C01.C13.p1.gs	zf-c2h2(HMM:0.00052)
19763	OJ990723_09.9A14.C5.p3.gs	zf-c2h2(HMM:0.023)
19764	OJ990726_04.9C03.C3.p8.gs	zf-c2h2(HMM:3.4e-08)
19765	OJ990804_04.9C23.C43.p4.gs	zf-c2h2(HMM:5.3e-09)
19766	OJ990809_01.0303.C46.p1.gs	zf-c2h2(HMM:8.8e-09)
19767	OJ990822_42.0419.C67.p1.gs	zf-c2h2(HMM:0.059)
19768	OJ990825_07.9B16.C8.p2.gs	zf-c2h2(HMM:0.019)
19769	OJ990827_09.0103.C27.p1.gs	zf-c2h2(HMM:4.2e-08)
19770	OJ990914_01.9B05.C7.p4.gs	zf-c2h2(HMM:2.8e-17)
19771	OJ990923_14.0228.C50.p1.gs	zf-c2h2(HMM:4.6e-11)
19772	OJ991008_04.0121.C8.p2.gs	zf-c2h2(HMM:2.4e-08)
19773	OJ991018_04.0211.C28.p2.gs	zf-c2h2(HMM:7.2e-08)
19774	OJ991020_10.0119.C18.p1.gs	zf-c2h2(HMM:0.0022)
19775	OJ991026_06.0218.C6.p3.gs	zf-c2h2(HMM:3.9e-10)
19776	OJ991026_06.0218.C7.p1.gs	zf-c2h2(HMM:1.8e-10)
19777	OJ991027_16.0118.C7.p1.gs	zf-c2h2(HMM:1.1e-10)
19778	OJ991027_18.0118.C3.p4.gs	zf-c2h2(HMM:0.025)
19779	OJ991109_13.0131.C14.p2.gs	zf-c2h2(HMM:7.3e-07)
19780	OJ991112_01.0403.C10.p4.gs	zf-c2h2(HMM:2e-07)
19781	OJ991112_01.0403.C10.p5.gs	zf-c2h2(HMM:3.1e-07)
19782	OJ991112_01.0403.C10.p7.gs	zf-c2h2(HMM:2.1e-06)
19783	OJ991112_14.0128.C7.p4.gs	zf-c2h2(HMM:5.7e-09)
19784	OJ991113_35.0112.C2.p3.gs	zf-c2h2(HMM:8.8e-09)
19785	OJ991116_02.0215.C10.p3.gs	zf-c2h2(HMM:3e-11)
19786	OJ991118_13.0111.C3.p5.gs	zf-c2h2(HMM:3.9e-10)
19787	OJ991118_13.0111.C3.p7.gs	zf-c2h2(HMM:1.8e-10)
19788	OJ991120_34.0419.C16.p1.gs	zf-c2h2(HMM:5.7e-09)
19789	OJ991122_12.0229.C3.p5.gs	zf-c2h2(HMM:1.3e-11)
19790	OJ991216_06.0211.C14.p1.gs	zf-c2h2(HMM:0.071)
19791	OJ000102_74.0317.C4.p1.gs	zf-c3hc4(HMM:0.0011)
19792	OJ000102_74.0426.C4.p1.gs	zf-c3hc4(HMM:0.0011)
19793	OJ000102_79.0301.C6.p1.gs	zf-c3hc4(HMM:1.7e-08)
19794	OJ000102_79.0414.C6.p1.gs	zf-c3hc4(HMM:1.7e-08)
19795	OJ000102_79.0426.C6.p1.gs	zf-c3hc4(HMM:1.7e-08)
19796	OJ000102_80.0307.C6.p4.gs	zf-c3hc4(HMM:0.014)
19797	OJ000102_80.0426.C6.p4.gs	zf-c3hc4(HMM:0.014)
19798	OJ000105_11.0214.C14.p4.gs	zf-c3hc4(HMM:2.7e-06)
19799	OJ000105_11.0310.C10.p1.gs	zf-c3hc4(HMM:2.7e-06)
19800	OJ000105_11.0426.C10.p1.gs	zf-c3hc4(HMM:2.7e-06)
19801	OJ000107_01.0327.C7.p1.gs	zf-c3hc4(HMM:5.4e-06)
19802	OJ000107_01.0426.C7.p1.gs	zf-c3hc4(HMM:5.4e-06)
19803	OJ000107_04.0210.C11.p4.gs	zf-c3hc4(HMM:1.3e-12)
19804	OJ000107_04.0426.C11.p4.gs	zf-c3hc4(HMM:1.3e-12)
19805	OJ000110_02.0330.C82.p1.gs	zf-c3hc4(HMM:0.0011)
19806	OJ000110_02.0426.C82.p1.gs	zf-c3hc4(HMM:0.0011)
19807	OJ000110_09.0308.C27.p1.gs	zf-c3hc4(HMM:5.1e-12)
19808	OJ000110_09.0426.C27.p1.gs	zf-c3hc4(HMM:5.1e-12)
19809	OJ000111_17.0229.C9.p2.gs	zf-c3hc4(HMM:0.0027)
19810	OJ000111_17.0426.C9.p2.gs	zf-c3hc4(HMM:0.0027)
19811	OJ000112_19.0225.C4.p2.gs	zf-c3hc4(HMM:9.9e-08)
19812	OJ000113_02.0211.C5.p1.gs	zf-c3hc4(HMM:8e-11)
19813	OJ000113_02.0426.C5.p1.gs	zf-c3hc4(HMM:8e-11)
19814	OJ000113_05.0222.C10.p2.gs	zf-c3hc4(HMM:1.4e-07)
19815	OJ000113_05.0426.C10.p2.gs	zf-c3hc4(HMM:1.4e-07)



19816	OJ000113_21.0317.C9.p2.gs	zf-c3hc4(HMM:8.1e-12)
19817	OJ000114_10.0419.C2.p2.gs	zf-c3hc4(HMM:4.9e-12)
19818	OJ000114_10.0419.C3.p1.gs	zf-c3hc4(HMM:1.1e-08)
19819	OJ000114_21.0216.C12.p2.gs	zf-c3hc4(HMM:1.7e-12)
19820	OJ000116_39.0419.C9.p2.gs	zf-c3hc4(HMM:0.01)
19821	OJ000118_02.0222.C9.p2.gs	zf-c3hc4(HMM:9.3e-14)
19822	OJ000118_18.0322.C5.p1.gs	zf-c3hc4(HMM:0.0023)
19823	OJ000118_20.0222.C19.p2.gs	zf-c3hc4(HMM:0.013)
19824	OJ000121_08.0306.C7.p1.gs	zf-c3hc4(HMM:0.00078)
19825	OJ000122_55.0307.C17.p2.gs	zf-c3hc4(HMM:1.2e-10)
19826	OJ000150_20.0124.C6.p1.gs	zf-c3hc4(HMM:0.0024)
19827	OJ000150_20.0124.C8.p3.gs	zf-c3hc4(HMM:7.1e-11)
19828	OJ000150_20.0124.C9.p1.gs	zf-c3hc4(HMM:1e-06)
19829	OJ000150_32.0124.C25.p1.gs	zf-c3hc4(HMM:9.3e-06)
19830	OJ000203_06.0316.C4.p2.gs	zf-c3hc4(HMM:1.4e-13)
19831	OJ000204_17.0323.C8.p5.gs	zf-c3hc4(HMM:1.3e-10)
19832	OJ000208_08.0321.C6.p2.gs	zf-c3hc4(HMM:7.6e-13)
19833	OJ000209_03.0309.C17.p3.gs	zf-c3hc4(HMM:2.3e-10)
19834	OJ000209_13.0316.C10.p1.gs	zf-c3hc4(HMM:0.0007)
19835	OJ000210_01.0419.C58.p1.gs	zf-c3hc4(HMM:5.8e-06)
19836	OJ000210_20.0419.C36.p1.gs	zf-c3hc4(HMM:9.7e-13)
19837	OJ000211_07.0316.C6.p1.gs	zf-c3hc4(HMM:0.05)
19838	OJ000211_08.0323.C11.p1.gs	zf-c3hc4(HMM:1.1e-12)
19839	OJ000211_08.0323.C11.p3.gs	zf-c3hc4(HMM:6.8e-13)
19840	OJ000211_08.0323.C11.p4.gs	zf-c3hc4(HMM:2.1e-08)
19841	OJ000211_08.0323.C11.p5.gs	zf-c3hc4(HMM:8.5e-08)
19842	OJ000211_08.0323.C12.p1.gs	zf-c3hc4(HMM:3.1e-11)
19843	OJ000214_02.0321.C14.p2.gs	zf-c3hc4(HMM:7.6e-14)
19844	OJ000216_09.0330.C2.p3.gs	zf-c3hc4(HMM:0.00094)
19845	OJ000217_09.0320.C7.p3.gs	zf-c3hc4(HMM:1.5e-09)
19846	OJ000217_09.0320.C8.p2.gs	zf-c3hc4(HMM:3.6e-10)
19847	OJ000222_01.0327.C14.p3.gs	zf-c3hc4(HMM:4.9e-09)
19848	OJ000222_02.0327.C7.p7.gs	zf-c3hc4(HMM:4.1e-05)
19849	OJ000222_12.0404.C9.p7.gs	zf-c3hc4(HMM:1.9e-07)
19850	OJ000223_15.0419.C15.p2.gs	zf-c3hc4(HMM:4.2e-11)
19851	OJ000229_10.0419.C21.p1.gs	zf-c3hc4(HMM:8e-11)
19852	OJ000229_14.0327.C18.p1.gs	zf-c3hc4(HMM:6.3e-14)
19853	OJ000229_16.0327.C38.p2.gs	zf-c3hc4(HMM:1.2e-12)
19854	OJ000229_24.0419.C22.p1.gs	zf-c3hc4(HMM:0.0019)
19855	OJ000250_01.0308.C9.p3.gs	zf-c3hc4(HMM:7.5e-11)
19856	OJ000250_01.0414.C2.p7.gs	zf-c3hc4(HMM:7.5e-11)
19857	OJ000250_85.0214.C6.p2.gs	zf-c3hc4(HMM:2.1)
19858	OJ000251_15.0321.C14.p1.gs	zf-c3hc4(HMM:0.00097)
19859	OJ000251_17.0307.C61.p2.gs	zf-c3hc4(HMM:1.2e-10)
19860	OJ000251_17.0331.C59.p2.gs	zf-c3hc4(HMM:1.2e-10)
19861	OJ000251_22.0403.C7.p2.gs	zf-c3hc4(HMM:0.00094)
19862	OJ000251_47.0320.C2.p7.gs	zf-c3hc4(HMM:3.1e-10)
19863	OJ000301_03.0404.C10.p1.gs	zf-c3hc4(HMM:1.5e-12)
19864	OJ000301_18.0330.C11.p2.gs	zf-c3hc4(HMM:8.8e-07)
19865	OJ000301_25.0410.C12.p3.gs	zf-c3hc4(HMM:0.23)
19866	OJ000302_01.0405.C23.p1.gs	zf-c3hc4(HMM:8.7e-13)
19867	OJ000302_26.0419.C42.p1.gs	zf-c3hc4(HMM:0.016)
19868	OJ000302_28.0419.C26.p2.gs	zf-c3hc4(HMM:0.016)
19869	OJ000303_05.0410.C12.p1.gs	zf-c3hc4(HMM:4.2e-12)

19870	OJ000306_01.0407.C13.p1.gs	zf-c3hc4(HMM:9.9e-08)
19871	OJ000306_15.0406.C5.p1.gs	zf-c3hc4(HMM:1.6e-09)
19872	OJ000307_28.0417.C7.p4.gs	zf-c3hc4(HMM:0.0021)
19873	OJ000308_05.0406.C9.p2.gs	zf-c3hc4(HMM:2.1e-12)
19874	OJ000308_05.0406.C9.p7.gs	zf-c3hc4(HMM:8.7e-13)
19875	OJ000310_10.0419.C8.p2.gs	zf-c3hc4(HMM:1.3e-07)
19876	OJ000310_32.0419.C6.p2.gs	zf-c3hc4(HMM:3.4e-14)
19877	OJ000310_39.0424.C155.p1.gs	zf-c3hc4(HMM:2.3e-08)
19878	OJ000310_40.0424.C6.p2.gs	zf-c3hc4(HMM:2.3e-08)
19879	OJ000313_32.0419.C8.p2.gs	zf-c3hc4(HMM:1.6e-08)
19880	OJ000314_08.0414.C7.p1.gs	zf-c3hc4(HMM:1.1e-10)
19881	OJ000314_12.0418.C1.p2.gs	zf-c3hc4(HMM:3.2e-11)
19882	OJ000320_05.0417.C10.p2.gs	zf-c3hc4(HMM:0.016)
19883	OJ000320_18.0424.C2.p3.gs	zf-c3hc4(HMM:1.2e-11)
19884	OJ000320_25.0419.C14.p1.gs	zf-c3hc4(HMM:4e-09)
19885	OJ000321_15.0419.C54.p1.gs	zf-c3hc4(HMM:0.08)
19886	OJ000321_31.0411.C6.p1.gs	zf-c3hc4(HMM:3.1e-10)
19887	OJ000321_38.0419.C7.p2.gs	zf-c3hc4(HMM:1.9e-11)
19888	OJ000321_38.0419.C7.p3.gs	zf-c3hc4(HMM:3.3e-10)
19889	OJ000322_06.0424.C26.p2.gs	zf-c3hc4(HMM:2.6e-12)
19890	OJ000322_12.0424.C39.p1.gs	zf-c3hc4(HMM:6.5e-09)
19891	OJ000323_12.0419.C23.p2.gs	zf-c3hc4(HMM:0.0014)
19892	OJ000323_21.0419.C11.p1.gs	zf-c3hc4(HMM:2e-12)
19893	OJ000324_06.0420.C14.p1.gs	zf-c3hc4(HMM:6.5e-09)
19894	OJ000324_16.0420.C27.p1.gs	zf-c3hc4(HMM:1.5e-10)
19895	OJ000324_22.0424.C42.p1.gs	zf-c3hc4(HMM:0.0017)
19896	OJ000324_26.0412.C18.p2.gs	zf-c3hc4(HMM:1.7e-10)
19897	OJ000324_26.0420.C5.p2.gs	zf-c3hc4(HMM:1.7e-10)
19898	OJ000327_13.0419.C18.p1.gs	zf-c3hc4(HMM:9.3e-14)
19899	OJ000327_14.0420.C13.p2.gs	zf-c3hc4(HMM:1.4e-13)
19900	OJ000327_27.0417.C4.p2.gs	zf-c3hc4(HMM:4.2e-11)
19901	OJ000327_37.0419.C11.p2.gs	zf-c3hc4(HMM:1e-11)
19902	OJ000330_31.0424.C48.p1.gs	zf-c3hc4(HMM:0.074)
19903	OJ000330_32.0419.C16.p1.gs	zf-c3hc4(HMM:1.2e-11)
19904	OJ000330_37.0420.C11.p1.gs	zf-c3hc4(HMM:0.00049)
19905	OJ000331_19.0424.C14.p2.gs	zf-c3hc4(HMM:0.004)
19906	OJ000331_23.0421.C30.p1.gs	zf-c3hc4(HMM:2.1e-13)
19907	OJ000350_02.0314.C18.p2.gs	zf-c3hc4(HMM:0.092)
19908	OJ000350_15.0322.C12.p6.gs	zf-c3hc4(HMM:3.2e-11)
19909	OJ000350_31.0315.C6.p2.gs	zf-c3hc4(HMM:0.01)
19910	OJ000350_55.0419.C23.p1.gs	zf-c3hc4(HMM:1.4e-13)
19911	OJ000350_64.0403.C14.p6.gs	zf-c3hc4(HMM:1.3e-08)
19912	OJ000350_66.0407.C37.p3.gs	zf-c3hc4(HMM:3.2e-11)
19913	OJ000350_68.0327.C19.p1.gs	zf-c3hc4(HMM:1.7e-10)
19914	OJ000404_05.0424.C7.p2.gs	zf-c3hc4(HMM:2.2e-08)
19915	OJ000405_19.0424.C28.p2.gs	zf-c3hc4(HMM:0.48)
19916	OJ000450_21.0411.C3.p3.gs	zf-c3hc4(HMM:2.1e-10)
19917	OJ000450_21.0420.C3.p3.gs	zf-c3hc4(HMM:2.1e-10)
19918	OJ990203_03.9819.C9.p4.gs	zf-c3hc4(HMM:0.00047)
19919	OJ990303_10.0420.C19.p1.gs	zf-c3hc4(HMM:1.1e-12)
19920	OJ990303_10.0420.C24.p1.gs	zf-c3hc4(HMM:0.0013)
19921	OJ990303_10.9819.C16.p1.gs	zf-c3hc4(HMM:3.6e-12)
19922	OJ990303_10.9819.C26.p1.gs	zf-c3hc4(HMM:6.9e-12)
19923	OJ990305_03.9819.C55.p1.gs	zf-c3hc4(HMM:2.3e-11)

19924	OJ990305_04.9819.C46.p1.gs	zf-c3hc4(HMM:6.2e-09)
19925	OJ990310_04.9819.C21.p2.gs	zf-c3hc4(HMM:1.5e-09)
19926	OJ990310_09.9819.C13.p2.gs	zf-c3hc4(HMM:2.1e-09)
19927	OJ990311_09.9819.C15.p1.gs	zf-c3hc4(HMM:8.9e-06)
19928	OJ990311_09.9819.C15.p7.gs	zf-c3hc4(HMM:1.6e-06)
19929	OJ990311_09.9819.C9.p4.gs	zf-c3hc4(HMM:0.044)
19930	OJ990311_15.9819.C8.p7.gs	zf-c3hc4(HMM:2.4e-08)
19931	OJ990312_15.0419.C25.p1.gs	zf-c3hc4(HMM:0.055)
19932	OJ990323_21.9819.C6.p4.gs	zf-c3hc4(HMM:2.2e-08)
19933	OJ990323_30.9C03.C2.p2.gs	zf-c3hc4(HMM:2.1e-10)
19934	OJ990324_05.9C23.C24.p1.gs	zf-c3hc4(HMM:1.3e-09)
19935	OJ990326_01.9C01.C25.p1.gs	zf-c3hc4(HMM:2.6e-12)
19936	OJ990326_01.9C01.C26.p1.gs	zf-c3hc4(HMM:1.9e-07)
19937	OJ990326_01.9C01.C28.p2.gs	zf-c3hc4(HMM:3.2e-12)
19938	OJ990330_19.9819.C30.p2.gs	zf-c3hc4(HMM:6.8e-12)
19939	OJ990331_05.9923.C13.p4.gs	zf-c3hc4(HMM:3.5)
19940	OJ990402_31.9C10.C16.p3.gs	zf-c3hc4(HMM:2.8e-11)
19941	OJ990415_09.9819.C2.p1.gs	zf-c3hc4(HMM:4.4e-12)
19942	OJ990416_08.0419.C36.p1.gs	zf-c3hc4(HMM:9.7e-13)
19943	OJ990419_05.9B05.C24.p3.gs	zf-c3hc4(HMM:8.7e-13)
19944	OJ990419_05.9B05.C27.p3.gs	zf-c3hc4(HMM:2.1e-12)
19945	OJ990419_08.9923.C28.p3.gs	zf-c3hc4(HMM:2.9e-12)
19946	OJ990422_20.9819.C6.p3.gs	zf-c3hc4(HMM:9.9e-08)
19947	OJ990423_11.9924.C5.p2.gs	zf-c3hc4(HMM:0.092)
19948	OJ990427_01.9A14.C15.p4.gs	zf-c3hc4(HMM:7.1e-11)
19949	OJ990427_01.9A14.C18.p1.gs	zf-c3hc4(HMM:0.0024)
19950	OJ990428_02.9A29.C30.p1.gs	zf-c3hc4(HMM:0.00041)
19951	OJ990428_22.9924.C5.p3.gs	zf-c3hc4(HMM:2.2e-08)
19952	OJ990430_06.9C03.C55.p1.gs	zf-c3hc4(HMM:2.1e-12)
19953	OJ990502_28.9A15.C7.p3.gs	zf-c3hc4(HMM:2.3e-09)
19954	OJ990504_06.9C17.C2.p2.gs	zf-c3hc4(HMM:8e-06)
19955	OJ990505_09.9B19.C38.p1.gs	zf-c3hc4(HMM:1.6e-09)
19956	OJ990517_13.9A08.C44.p5.gs	zf-c3hc4(HMM:1.3e-12)
19957	OJ990519_21.9A20.C8.p3.gs	zf-c3hc4(HMM:1.6e-10)
19958	OJ990520_09.9922.C24.p1.gs	zf-c3hc4(HMM:2.6e-05)
19959	OJ990520_11.9B12.C11.p1.gs	zf-c3hc4(HMM:1.3e-09)
19960	OJ990525_02.9921.C50.p1.gs	zf-c3hc4(HMM:0.092)
19961	OJ990527_04.9C17.C15.p1.gs	zf-c3hc4(HMM:0.0079)
19962	OJ990527_04.9C17.C26.p1.gs	zf-c3hc4(HMM:0.00037)
19963	OJ990527_04.9C17.C27.p1.gs	zf-c3hc4(HMM:0.0061)
19964	OJ990527_04.9C17.C35.p2.gs	zf-c3hc4(HMM:0.0011)
19965	OJ990527_04.9C17.C39.p2.gs	zf-c3hc4(HMM:1.3e-11)
19966	OJ990528_06.9C03.C28.p1.gs	zf-c3hc4(HMM:7.6e-14)
19967	OJ990531_45.9922.C5.p4.gs	zf-c3hc4(HMM:1.6e-09)
19968	OJ990601_07.9B12.C36.p1.gs	zf-c3hc4(HMM:3.1e-06)
19969	OJ990601_08.9A22.C6.p1.gs	zf-c3hc4(HMM:0.0022)
19970	OJ990604_10.9A29.C11.p4.gs	zf-c3hc4(HMM:9.3e-14)
19971	OJ990617_06.9A27.C86.p1.gs	zf-c3hc4(HMM:5.5e-12)
19972	OJ990617_12.0420.C20.p1.gs	zf-c3hc4(HMM:5.5e-12)
19973	OJ990617_12.9921.C57.p1.gs	zf-c3hc4(HMM:5.5e-12)
19974	OJ990618_12.9921.C47.p1.gs	zf-c3hc4(HMM:0.088)
19975	OJ990620_39.9919.C1.p2.gs	zf-c3hc4(HMM:7e-10)
19976	OJ990620_39.9919.C8.p2.gs	zf-c3hc4(HMM:3.9e-11)
19977	OJ990626_31.9A14.C6.p1.gs	zf-c3hc4(HMM:3.3e-11)

19978	OJ990626_47.9922.C7.p1.gs	zf-c3hc4(HMM:1.7e-12)
19979	OJ990627_42.9B05.C8.p1.gs	zf-c3hc4(HMM:1.3e-12)
19980	OJ990705_39.9919.C9.p10.gs	zf-c3hc4(HMM:0.0024)
19981	OJ990705_39.9919.C9.p6.gs	zf-c3hc4(HMM:7.1e-11)
19982	OJ990709_01.9919.C1.p3.gs	zf-c3hc4(HMM:4.2e-12)
19983	OJ990713_04.9C17.C35.p3.gs	zf-c3hc4(HMM:7.8e-11)
19984	OJ990713_14.9A18.C2.p1.gs	zf-c3hc4(HMM:4.2e-12)
19985	OJ990715_06.9A01.C3.p17.gs	zf-c3hc4(HMM:6.5e-27)
19986	OJ990723_14.9A18.C5.p1.gs	zf-c3hc4(HMM:1.4e-13)
19987	OJ990723_14.9A18.C8.p6.gs	zf-c3hc4(HMM:2.3e-08)
19988	OJ990727_12.9C10.C8.p1.gs	zf-c3hc4(HMM:1.9)
19989	OJ990803_07.9B19.C11.p5.gs	zf-c3hc4(HMM:9.3e-14)
19990	OJ990803_13.9B19.C13.p4.gs	zf-c3hc4(HMM:0.004)
19991	OJ990816_07.0225.C2.p1.gs	zf-c3hc4(HMM:0.0097)
19992	OJ990817_14.9B08.C10.p5.gs	zf-c3hc4(HMM:2.1e-13)
19993	OJ990817_15.0419.C29.p5.gs	zf-c3hc4(HMM:9.3e-11)
19994	OJ990817_15.0419.C29.p7.gs	zf-c3hc4(HMM:4.1e-11)
19995	OJ990818_08.9B12.C13.p3.gs	zf-c3hc4(HMM:1.1e-11)
19996	OJ990822_43.9C06.C15.p2.gs	zf-c3hc4(HMM:4.2e-11)
19997	OJ990822_43.9C06.C2.p4.gs	zf-c3hc4(HMM:0.081)
19998	OJ990822_47.0103.C5.p1.gs	zf-c3hc4(HMM:1.1e-05)
19999	OJ990822_50.9C23.C1.p2.gs	zf-c3hc4(HMM:1.2e-12)
20000	OJ990822_50.9C23.C11.p2.gs	zf-c3hc4(HMM:1.9e-11)
20001	OJ990822_50.9C23.C11.p3.gs	zf-c3hc4(HMM:3.3e-10)
20002	OJ990823_06.9B03.C5.p1.gs	zf-c3hc4(HMM:1.1e-11)
20003	OJ990823_08.9B10.C15.p3.gs	zf-c3hc4(HMM:5.5e-14)
20004	OJ990825_02.9A29.C34.p1.gs	zf-c3hc4(HMM:0.35)
20005	OJ990825_14.9B15.C10.p4.gs	zf-c3hc4(HMM:6.6e-13)
20006	OJ990908_15.9C14.C3.p5.gs	zf-c3hc4(HMM:0.016)
20007	OJ990909_08.0222.C16.p1.gs	zf-c3hc4(HMM:0.069)
20008	OJ990913_14.9B19.C11.p1.gs	zf-c3hc4(HMM:2.2e-09)
20009	OJ990914_19.9B01.C3.p3.gs	zf-c3hc4(HMM:4.9e-09)
20010	OJ990917_09.9A29.C13.p1.gs	zf-c3hc4(HMM:8.8e-07)
20011	OJ990921_14.0308.C10.p1.gs	zf-c3hc4(HMM:7.5e-11)
20012	OJ990923_03.9B10.C6.p2.gs	zf-c3hc4(HMM:1.7e-08)
20013	OJ990924_17.0211.C21.p4.gs	zf-c3hc4(HMM:2.4e-08)
20014	OJ990927_04.9B22.C8.p7.gs	zf-c3hc4(HMM:6e-10)
20015	OJ990930_04.9C01.C7.p1.gs	zf-c3hc4(HMM:0.00094)
20016	OJ990930_16.9B05.C23.p1.gs	zf-c3hc4(HMM:0.0021)
20017	OJ991012_11.0126.C35.p3.gs	zf-c3hc4(HMM:2.8e-12)
20018	OJ991012_13.0128.C6.p1.gs	zf-c3hc4(HMM:1.8e-06)
20019	OJ991013_05.0111.C8.p3.gs	zf-c3hc4(HMM:2.1e-10)
20020	OJ991013_07.0223.C8.p3.gs	zf-c3hc4(HMM:1.1e-11)
20021	OJ991013_07.0317.C10.p3.gs	zf-c3hc4(HMM:1.1e-11)
20022	OJ991013_12.0112.C12.p3.gs	zf-c3hc4(HMM:0.05)
20023	OJ991014_10.0207.C11.p1.gs	zf-c3hc4(HMM:6.5e-13)
20024	OJ991018_17.0421.C1.p2.gs	zf-c3hc4(HMM:2.3e-11)
20025	OJ991020_05.0222.C19.p2.gs	zf-c3hc4(HMM:2.3e-08)
20026	OJ991020_06.0215.C28.p2.gs	zf-c3hc4(HMM:1.5e-12)
20027	OJ991020_06.0303.C19.p2.gs	zf-c3hc4(HMM:1.5e-12)
20028	OJ991021_03.0413.C26.p1.gs	zf-c3hc4(HMM:0.0056)
20029	OJ991022_17.0225.C8.p2.gs	zf-c3hc4(HMM:4.4e-11)
20030	OJ991029_09.0120.C1.p7.gs	zf-c3hc4(HMM:6.3e-14)
20031	OJ991101_09.0131.C14.p1.gs	zf-c3hc4(HMM:1.8)

20032	OJ991102_06.0120.C5.p2.gs	zf-c3hc4(HMM:6.3e-11)
20033	OJ991103_16.0308.C14.p1.gs	zf-c3hc4(HMM:8.6e-07)
20034	OJ991106_41.0419.C18.p3.gs	zf-c3hc4(HMM:6.3e-11)
20035	OJ991106_42.0103.C7.p3.gs	zf-c3hc4(HMM:1.7e-10)
20036	OJ991109_09.0421.C7.p1.gs	zf-c3hc4(HMM:9.8e-11)
20037	OJ991109_09.9C22.C4.p1.gs	zf-c3hc4(HMM:9.8e-11)
20038	OJ991110_09.0222.C20.p2.gs	zf-c3hc4(HMM:9.8e-11)
20039	OJ991111_07.0330.C4.p1.gs	zf-c3hc4(HMM:1.4e-11)
20040	OJ991111_07.0330.C5.p2.gs	zf-c3hc4(HMM:2.6e-12)
20041	OJ991111_07.0330.C5.p7.gs	zf-c3hc4(HMM:1.4e-10)
20042	OJ991111_08.0307.C4.p2.gs	zf-c3hc4(HMM:3.7e-12)
20043	OJ991112_02.0405.C32.p3.gs	zf-c3hc4(HMM:0.077)
20044	OJ991112_02.0420.C30.p3.gs	zf-c3hc4(HMM:0.077)
20045	OJ991113_30.9C10.C4.p1.gs	zf-c3hc4(HMM:3.8e-06)
20046	OJ991113_30.9C10.C5.p2.gs	zf-c3hc4(HMM:9.1e-06)
20047	OJ991113_34.9C27.C6.p1.gs	zf-c3hc4(HMM:0.021)
20048	OJ991116_07.0128.C7.p2.gs	zf-c3hc4(HMM:0.0024)
20049	OJ991117_12.0421.C5.p3.gs	zf-c3hc4(HMM:0.0017)
20050	OJ991119_17.0126.C10.p3.gs	zf-c3hc4(HMM:3.4e-14)
20051	OJ991121_47.9C30.C10.p2.gs	zf-c3hc4(HMM:0.0008)
20052	OJ991122_03.0421.C7.p8.gs	zf-c3hc4(HMM:6.3e-14)
20053	OJ991122_03.9C23.C7.p8.gs	zf-c3hc4(HMM:6.3e-14)
20054	OJ991201_19.0222.C9.p2.gs	zf-c3hc4(HMM:8.4e-08)
20055	OJ991202_09.0421.C15.p1.gs	zf-c3hc4(HMM:0.0027)
20056	OJ991202_09.9C27.C15.p1.gs	zf-c3hc4(HMM:0.0027)
20057	OJ991202_19.0114.C8.p6.gs	zf-c3hc4(HMM:9.3e-11)
20058	OJ991202_19.0421.C7.p6.gs	zf-c3hc4(HMM:9.3e-11)
20059	OJ991208_01.0110.C10.p10.gs	zf-c3hc4(HMM:6.3e-11)
20060	OJ991210_13.0110.C4.p6.gs	zf-c3hc4(HMM:2.8e-12)
20061	OJ991214_04.0114.C12.p1.gs	zf-c3hc4(HMM:6.4e-12)
20062	OJ991215_02.0224.C10.p4.gs	zf-c3hc4(HMM:3.5)
20063	OJ991215_14.0211.C18.p1.gs	zf-c3hc4(HMM:1.6e-08)
20064	OJ991216_02.0218.C24.p3.gs	zf-c3hc4(HMM:0.044)
20065	OJ991216_03.0419.C13.p1.gs	zf-c3hc4(HMM:2.2e-09)
20066	OJ991216_07.0301.C18.p2.gs	zf-c3hc4(HMM:1.3e-11)
20067	OJ991216_07.0301.C2.p3.gs	zf-c3hc4(HMM:0.081)
20068	OJ991226_32.0308.C3.p1.gs	zf-c3hc4(HMM:7.5e-11)
20069	OJ991226_49.0317.C8.p2.gs	zf-c3hc4(HMM:8.8e-07)
20070	OJ000250_27.0208.C9.p1.gs	zf-c3hc4(HMM:2e-07),zz(HMM:1.2e-11)
20071	OJ000250_27.0303.C5.p1.gs	zf-c3hc4(HMM:2e-07),zz(HMM:1.2e-11)
20072	OJ991201_06.0103.C10.p1.gs	zf-c3hc4(HMM:2e-07),zz(HMM:1.2e-11)
20073	OJ000107_02.0301.C11.p1.gs	zf-ccch(HMM:0.0036)
20074	OJ000107_02.0426.C11.p1.gs	zf-ccch(HMM:0.0036)
20075	OJ000209_16.0418.C9.p2.gs	zf-ccch(HMM:0.0068)
20076	OJ000223_02.0405.C6.p6.gs	zf-ccch(HMM:8.5e-14)
20077	OJ000223_16.0320.C5.p1.gs	zf-ccch(HMM:0.086)
20078	OJ000229_23.0323.C18.p3.gs	zf-ccch(HMM:0.089)
20079	OJ000251_08.0218.C30.p1.gs	zf-ccch(HMM:0.0028)
20080	OJ000251_47.0320.C2.p4.gs	zf-ccch(HMM:7.6e-09)
20081	OJ000251_48.0228.C51.p5.gs	zf-ccch(HMM:5.3e-22)
20082	OJ000303_26.0411.C16.p2.gs	zf-ccch(HMM:7.9e-22)

20083	OJ000314_04.0414.C7.p1.gs	zf-ccch(HMM:0.011)
20084	OJ000315_11.0419.C11.p3.gs	zf-ccch(HMM:1.2e-15)
20085	OJ000315_11.0419.C13.p1.gs	zf-ccch(HMM:0.031)
20086	OJ000315_21.0405.C2.p3.gs	zf-ccch(HMM:0.017)
20087	OJ000315_21.0420.C2.p3.gs	zf-ccch(HMM:0.017)
20088	OJ000316_09.0419.C22.p1.gs	zf-ccch(HMM:0.065)
20089	OJ000316_19.0419.C13.p1.gs	zf-ccch(HMM:0.25)
20090	OJ000324_27.0420.C1.p1.gs	zf-ccch(HMM:0.0029)
20091	OJ000324_30.0413.C8.p1.gs	zf-ccch(HMM:4.2e-14)
20092	OJ000324_30.0420.C21.p1.gs	zf-ccch(HMM:4.2e-14)
20093	OJ000327_09.0424.C31.p1.gs	zf-ccch(HMM:0.019)
20094	OJ000331_01.0419.C17.p2.gs	zf-ccch(HMM:0.011)
20095	OJ000450_13.0410.C4.p14.gs	zf-ccch(HMM:1.4e-16)
20096	OJ990203_08.9819.C9.p3.gs	zf-ccch(HMM:0.011)
20097	OJ990312_14.9819.C4.p2.gs	zf-ccch(HMM:2.1e-23)
20098	OJ990318_06.0228.C53.p2.gs	zf-ccch(HMM:5.3e-22)
20099	OJ990527_23.9C10.C3.p5.gs	zf-ccch(HMM:0.089)
20100	OJ990612_47.9927.C8.p1.gs	zf-ccch(HMM:5.5e-11)
20101	OJ990715_11.0419.C22.p3.gs	zf-ccch(HMM:0.054)
20102	OJ990802_12.0218.C7.p7.gs	zf-ccch(HMM:0.0073)
20103	OJ990825_16.0303.C4.p4.gs	zf-ccch(HMM:2.1e-23)
20104	OJ991007_03.0421.C6.p1.gs	zf-ccch(HMM:4.9e-06)
20105	OJ991007_03.9C27.C6.p1.gs	zf-ccch(HMM:4.9e-06)
20106	OJ991012_10.0127.C24.p1.gs	zf-ccch(HMM:1.4e-16)
20107	OJ991027_16.0118.C9.p2.gs	zf-ccch(HMM:0.0029)
20108	OJ991027_18.0118.C1.p1.gs	zf-ccch(HMM:0.1)
20109	OJ991116_12.0107.C14.p1.gs	zf-ccch(HMM:9.2e-09)
20110	OJ991121_44.0419.C40.p1.gs	zf-ccch(HMM:0.089)
20111	OJ991201_09.0421.C10.p3.gs	zf-ccch(HMM:0.0073)
20112	OJ991201_09.9C23.C11.p3.gs	zf-ccch(HMM:0.0073)
20113	OJ991208_06.0107.C1.p1.gs	zf-ccch(HMM:2.1e-23)
20114	OJ991209_05.0118.C8.p3.gs	zf-ccch(HMM:0.054)
20115	OJ991216_10.0211.C10.p2.gs	zf-ccch(HMM:4.2e-14)
20116	OJ000150_15.0124.C30.p1.gs	zf-constans(HMM:1.7e-15)
20117	OJ000310_08.0419.C34.p1.gs	zf-constans(HMM:0.004)
20118	OJ990317_09.0421.C16.p1.gs	zf-constans(HMM:2e-28)
20119	OJ990317_09.9C20.C16.p1.gs	zf-constans(HMM:2e-28)
20120	OJ990517_13.9A08.C40.p1.gs	zf-constans(HMM:1.4e-28)
20121	OJ990528_29.9C10.C2.p3.gs	zf-constans(HMM:3e-39)
20122	OJ990627_42.9B05.C9.p5.gs	zf-constans(HMM:1.4e-28)
20123	OJ990701_09.9A01.C13.p2.gs	zf-constans(HMM:4.5e-07)
20124	OJ990728_09.9B18.C2.p8.gs	zf-constans(HMM:1.4e-28)
20125	OJ991108_19.0419.C61.p1.gs	zf-constans(HMM:7.7e-15)
20126	OJ991201_08.9C23.C3.p1.gs	zf-constans(HMM:7.5e-25)
20127	OJ000103_03.0204.C2.p7.gs	zf-mynd(HMM:0.012)
20128	OJ000103_03.0426.C2.p7.gs	zf-mynd(HMM:0.012)
20129	OJ000250_70.0214.C7.p2.gs	zf-mynd(HMM:0.012)
20130	OJ000250_70.0303.C3.p2.gs	zf-mynd(HMM:0.012)
20131	OJ000316_03.0410.C5.p2.gs	zf-mynd(HMM:2.9e-07)
20132	OJ000320_32.0419.C2.p1.gs	zf-mynd(HMM:0.012)
20133	OJ000330_39.0420.C5.p3.gs	zf-mynd(HMM:3e-11)
20134	OJ990514_12.0103.C8.p1.gs	zf-mynd(HMM:1.7e-09)
20135	OJ990517_12.9A29.C9.p2.gs	zf-mynd(HMM:0.012)
20136	OJ990619_46.0103.C7.p2.gs	zf-mynd(HMM:0.012)

20137	OJ990809_11.9C01.C9.p1.gs	zf-mynd(HMM:1.4e-10)
20138	OJ991011_13.0103.C4.p3.gs	zf-mynd(HMM:7.7e-12)
20139	OJ991028_10.0118.C2.p2.gs	zf-mynd(HMM:0.012)
20140	OJ991112_13.0110.C9.p1.gs	zf-mynd(HMM:3e-11)
20141	OJ991119_18.9C21.C29.p1.gs	zf-mynd(HMM:0.012)
20142	OJ991215_03.0128.C9.p3.gs	zf-mynd(HMM:7.7e-12)
20143	OJ000310_37.0419.C11.p1.gs	zz(HMM:0.0027)
20144	OJ000315_07.0420.C38.p1.gs	zz(HMM:4.6e-09)
20145	OJ000321_16.0419.C14.p2.gs	zz(HMM:2.3e-12)
20146	OJ990330_12.9922.C16.p2.gs	zz(HMM:0.067)
20147	OJ990616_02.9C23.C8.p1.gs	zz(HMM:1.4e-05)
20148	OJ990818_13.0217.C19.p1.gs	zz(HMM:0.0027)
20149	OJ990818_13.0317.C7.p1.gs	zz(HMM:0.0027)
20150	OJ990830_07.9A25.C32.p1.gs	zz(HMM:0.067)
20151	OJ991019_16.0118.C21.p1.gs	zz(HMM:5.6e-09)
20152	OJ991019_19.0306.C2.p2.gs	zz(HMM:5.6e-09)
20153	OJ991101_05.0202.C1.p3.gs	zz(HMM:0.024)
20154	OJ991101_05.0202.C12.p2.gs	zz(HMM:0.067)
20155	OJ991107_39.9C17.C12.p2.gs	zz(HMM:4.6e-09)
20156	OJ991201_16.0421.C8.p10.gs	zz(HMM:0.067)
20157	OJ991201_16.0421.C8.p4.gs	zz(HMM:0.024)
20158	OJ991201_16.9C28.C14.p10.gs	zz(HMM:0.067)
20159	OJ991201_16.9C28.C14.p4.gs	zz(HMM:0.024)

Table 12. Nucleic acid sequences encoding transcription factors from rice

SEQ NUM	SEQ ID	Family/Method/E-value
20160	OJ000110_02.0330.C79.p1.np	14-3-3(HMM:2.9e-13)
20161	OJ000110_02.0330.C80.p1.np	14-3-3(HMM:1.1e-08)
20162	OJ000110_02.0426.C79.p1.np	14-3-3(HMM:2.9e-13)
20163	OJ000110_02.0426.C80.p1.np	14-3-3(HMM:1.1e-08)
20164	OJ000112_18.0224.C2.p4.np	14-3-3(HMM:2.4e-177)
20165	OJ000112_18.0426.C2.p4.np	14-3-3(HMM:2.4e-177)
20166	OJ000113_01.0331.C3.p3.np	14-3-3(HMM:3.4e-17)
20167	OJ000113_01.0426.C3.p3.np	14-3-3(HMM:3.4e-17)
20168	OJ000250_48.0211.C7.p2.np	14-3-3(HMM:1.7e-181)
20169	OJ990412_09.9923.C13.p1.np	14-3-3(HMM:2.7e-180)
20170	OJ990429_03.9B02.C44.p1.np	14-3-3(HMM:1.8e-32)
20171	OJ990429_08.9C23.C17.p5.np	14-3-3(HMM:1.1e-09)
20172	OJ990518_02.9B16.C45.p1.np	14-3-3(HMM:4.8e-32)
20173	OJ990518_02.9B16.C47.p1.np	14-3-3(HMM:1.2e-06)
20174	OJ990518_02.9B16.C48.p1.np	14-3-3(HMM:3.5e-12)
20175	OJ990615_05.9C14.C20.p2.np	14-3-3(HMM:3.2e-46)
20176	OJ990615_05.9C14.C21.p1.np	14-3-3(HMM:2.2e-35)
20177	OJ990615_06.9926.C26.p1.np	14-3-3(HMM:9.9e-85)
20178	OJ990709_02.0207.C11.p3.np	14-3-3(HMM:2.7e-168)
20179	OJ990729_13.9A05.C1.p4.np	14-3-3(HMM:2.4e-177)
20180	OJ990803_09.9B05.C2.p2.np	14-3-3(HMM:1.8e-181)
20181	OJ991108_17.0417.C36.p1.np	14-3-3(HMM:6.5e-118)
20182	OJ991108_19.0419.C55.p1.np	14-3-3(HMM:2.1e-62)
20183	OJ991108_19.0419.C56.p1.np	14-3-3(HMM:3.4e-24)
20184	OJ991118_17.0421.C10.p2.np	14-3-3(HMM:5.2e-33)
20185	OJ991118_17.9C22.C10.p2.np	14-3-3(HMM:5.2e-33)
20186	OJ991206_14.0215.C3.p1.np	14-3-3(HMM:5.5e-11)
20187	OJ000105_16.0204.C22.p1.np	ank(HMM:1.7e-05)
20188	OJ000105_16.0426.C22.p1.np	ank(HMM:1.7e-05)
20189	OJ000106_08.0222.C34.p6.np	ank(HMM:3e-22)
20190	OJ000106_08.0222.C36.p1.np	ank(HMM:5.6e-25)
20191	OJ000106_08.0222.C37.p1.np	ank(HMM:1.3e-22)
20192	OJ000106_08.0317.C8.p1.np	ank(HMM:1.1e-17)
20193	OJ000106_08.0317.C9.p1.np	ank(HMM:5.6e-25)
20194	OJ000106_08.0426.C8.p1.np	ank(HMM:1.1e-17)
20195	OJ000106_08.0426.C9.p1.np	ank(HMM:5.6e-25)
20196	OJ000107_10.0215.C31.p1.np	ank(HMM:1.1e-35)
20197	OJ000107_10.0215.C6.p2.np	ank(HMM:2.1e-21)
20198	OJ000107_10.0426.C31.p1.np	ank(HMM:1.1e-35)
20199	OJ000107_10.0426.C6.p2.np	ank(HMM:2.1e-21)
20200	OJ000112_15.0214.C8.p2.np	ank(HMM:2.4e-24)
20201	OJ000112_15.0310.C8.p2.np	ank(HMM:2.4e-24)
20202	OJ000112_15.0426.C8.p2.np	ank(HMM:2.4e-24)
20203	OJ000113_12.0223.C40.p1.np	ank(HMM:0.13)
20204	OJ000113_20.0203.C6.p2.np	ank(HMM:3.3e-17)
20205	OJ000114_11.0217.C19.p2.np	ank(HMM:6.7e-23)
20206	OJ000115_33.0331.C16.p1.np	ank(HMM:0.0025)
20207	OJ000118_13.0419.C15.p3.np	ank(HMM:1.3e-33)
20208	OJ000118_13.0419.C26.p1.np	ank(HMM:2.4e-27)
20209	OJ000118_20.0222.C19.p1.np	ank(HMM:9.1e-24)
20210	OJ000121_08.0306.C18.p1.np	ank(HMM:5.4e-06)
20211	OJ000121_08.0306.C22.p1.np	ank(HMM:2.6e-39)



20212	OJ000204_18.0225.C3.p3.np	ank(HMM:4.1e-05)
20213	OJ000204_18.0225.C4.p1.np	ank(HMM:4.8e-30)
20214	OJ000207_15.0315.C11.p2.np	ank(HMM:1.8e-12)
20215	OJ000209_23.0320.C1.p1.np	ank(HMM:7.1e-42)
20216	OJ000210_06.0306.C13.p2.np	ank(HMM:1.8e-07)
20217	OJ000211_02.0327.C10.p1.np	ank(HMM:2.1e-19)
20218	OJ000214_22.0328.C14.p1.np	ank(HMM:7.4e-30)
20219	OJ000217_12.0419.C11.p1.np	ank(HMM:0.18)
20220	OJ000217_12.0419.C12.p1.np	ank(HMM:5.2e-08)
20221	OJ000217_12.0419.C45.p1.np	ank(HMM:3.5e-08)
20222	OJ000217_12.0419.C47.p1.np	ank(HMM:7.8e-11)
20223	OJ000222_19.0322.C9.p1.np	ank(HMM:1.4e-41)
20224	OJ000229_22.0323.C28.p1.np	ank(HMM:2.9e-15)
20225	OJ000250_26.0225.C3.p6.np	ank(HMM:2e-25)
20226	OJ000250_45.0211.C3.p1.np	ank(HMM:1.9e-35)
20227	OJ000250_73.0214.C3.p4.np	ank(HMM:0.00077)
20228	OJ000250_77.0222.C5.p2.np	ank(HMM:8.1e-06)
20229	OJ000251_02.0313.C31.p1.np	ank(HMM:0.00077)
20230	OJ000251_09.0406.C15.p1.np	ank(HMM:7.7e-35)
20231	OJ000251_09.0406.C27.p2.np	ank(HMM:5.8e-05)
20232	OJ000251_32.0217.C9.p1.np	ank(HMM:8.9e-15)
20233	OJ000301_08.0407.C6.p2.np	ank(HMM:9.3e-27)
20234	OJ000301_24.0403.C2.p2.np	ank(HMM:4.2e-13)
20235	OJ000302_01.0405.C14.p1.np	ank(HMM:2.4e-24)
20236	OJ000303_10.0405.C2.p1.np	ank(HMM:8.5e-16)
20237	OJ000303_14.0419.C12.p2.np	ank(HMM:7.5e-23)
20238	OJ000303_16.0331.C6.p3.np	ank(HMM:2.4e-12)
20239	OJ000303_26.0411.C18.p1.np	ank(HMM:6.5e-34)
20240	OJ000306_08.0419.C1.p1.np	ank(HMM:1.5e-06)
20241	OJ000306_10.0419.C10.p3.np	ank(HMM:9.2e-18)
20242	OJ000306_10.0419.C11.p1.np	ank(HMM:2.4e-16)
20243	OJ000307_02.0330.C8.p1.np	ank(HMM:1.1e-17)
20244	OJ000307_02.0330.C8.p2.np	ank(HMM:1.7e-23)
20245	OJ000307_05.0403.C2.p2.np	ank(HMM:2.7e-19)
20246	OJ000307_05.0403.C2.p3.np	ank(HMM:2.6e-17)
20247	OJ000307_05.0403.C4.p3.np	ank(HMM:1.3e-36)
20248	OJ000310_11.0411.C5.p1.np	ank(HMM:1.5e-13)
20249	OJ000310_11.0420.C4.p1.np	ank(HMM:1.5e-13)
20250	OJ000314_01.0419.C3.p1.np	ank(HMM:2.9e-07)
20251	OJ000315_03.0411.C9.p3.np	ank(HMM:1.6e-25)
20252	OJ000315_03.0411.C9.p4.np	ank(HMM:1.3e-27)
20253	OJ000315_07.0420.C48.p1.np	ank(HMM:6.1e-21)
20254	OJ000316_15.0419.C7.p2.np	ank(HMM:8.7e-31)
20255	OJ000320_30.0419.C32.p1.np	ank(HMM:2.2e-22)
20256	OJ000320_39.0418.C16.p1.np	ank(HMM:1.3e-36)
20257	OJ000321_01.0419.C24.p1.np	ank(HMM:1e-19)
20258	OJ000323_30.0420.C2.p1.np	ank(HMM:0.00054)
20259	OJ000323_30.0420.C7.p1.np	ank(HMM:2.8e-35)
20260	OJ000324_19.0419.C24.p2.np	ank(HMM:7.5e-23)
20261	OJ000327_24.0425.C2.p2.np	ank(HMM:1.5e-20)
20262	OJ000327_24.0425.C2.p3.np	ank(HMM:1.5e-20)
20263	OJ000327_25.0419.C8.p3.np	ank(HMM:1.8e-26)
20264	OJ000330_08.0419.C17.p1.np	ank(HMM:1.3e-09)
20265	OJ000350_28.0314.C20.p4.np	ank(HMM:2.6e-05)

20266	OJ000350_28.0314.C9.p1.np	ank(HMM:1.3e-14)
20267	OJ000350_30.0314.C12.p2.np	ank(HMM:5.4e-06)
20268	OJ000350_30.0314.C13.p1.np	ank(HMM:2.6e-39)
20269	OJ000450_03.0419.C23.p2.np	ank(HMM:4.8e-07)
20270	OJ000450_09.0412.C2.p2.np	ank(HMM:1.3e-36)
20271	OJ000450_09.0412.C6.p2.np	ank(HMM:2.7e-19)
20272	OJ000450_09.0412.C6.p3.np	ank(HMM:2.6e-17)
20273	OJ990211_02.9819.C34.p1.np	ank(HMM:8.7e-22)
20274	OJ990211_03.9819.C28.p1.np	ank(HMM:8.7e-22)
20275	OJ990318_03.9A03.C3.p1.np	ank(HMM:7.4e-14)
20276	OJ990318_17.9819.C7.p2.np	ank(HMM:0.00029)
20277	OJ990322_05.0323.C12.p4.np	ank(HMM:2.1e-09)
20278	OJ990322_05.9819.C12.p1.np	ank(HMM:2.1e-09)
20279	OJ990322_05.9819.C12.p2.np	ank(HMM:2.1e-09)
20280	OJ990322_05.9819.C4.p1.np	ank(HMM:0.055)
20281	OJ990323_07.9A06.C32.p1.np	ank(HMM:3e-48)
20282	OJ990323_17.9819.C1.p3.np	ank(HMM:3.3e-06)
20283	OJ990331_04.0128.C19.p1.np	ank(HMM:2.1e-09)
20284	OJ990331_04.0421.C16.p1.np	ank(HMM:2.1e-09)
20285	OJ990402_21.9819.C9.p1.np	ank(HMM:3.2e-08)
20286	OJ990415_03.9922.C17.p3.np	ank(HMM:0.00024)
20287	OJ990415_03.9922.C18.p1.np	ank(HMM:4.7e-06)
20288	OJ990415_03.9922.C35.p2.np	ank(HMM:5.5e-06)
20289	OJ990415_03.9922.C35.p3.np	ank(HMM:3.9e-09)
20290	OJ990416_05.9A01.C12.p4.np	ank(HMM:2e-34)
20291	OJ990416_05.9A01.C12.p5.np	ank(HMM:1.1e-18)
20292	OJ990416_06.9819.C22.p1.np	ank(HMM:1.1e-18)
20293	OJ990420_06.9923.C26.p1.np	ank(HMM:1.3e-36)
20294	OJ990420_06.9923.C5.p1.np	ank(HMM:2.2e-08)
20295	OJ990423_07.9B01.C36.p1.np	ank(HMM:1.1e-17)
20296	OJ990426_02.0419.C158.p1.np	ank(HMM:1.1e-17)
20297	OJ990426_02.9608.C95.p1.np	ank(HMM:1.1e-17)
20298	OJ990427_23.9C03.C10.p1.np	ank(HMM:8.9e-15)
20299	OJ990428_20.9924.C22.p8.np	ank(HMM:2e-25)
20300	OJ990502_31.9A15.C10.p2.np	ank(HMM:3.6e-28)
20301	OJ990503_01.9A29.C46.p2.np	ank(HMM:1.3e-36)
20302	OJ990517_12.9A29.C69.p1.np	ank(HMM:1e-10)
20303	OJ990518_04.9C17.C25.p1.np	ank(HMM:1.5e-11)
20304	OJ990518_04.9C17.C75.p1.np	ank(HMM:2.7e-05)
20305	OJ990519_21.9A20.C6.p1.np	ank(HMM:4.1e-29)
20306	OJ990519_25.9A03.C3.p1.np	ank(HMM:2e-22)
20307	OJ990519_26.9C03.C4.p4.np	ank(HMM:4.6e-11)
20308	OJ990519_26.9C03.C5.p3.np	ank(HMM:7.6e-30)
20309	OJ990519_29.9B05.C1.p5.np	ank(HMM:1.1e-17)
20310	OJ990527_03.9C03.C37.p1.np	ank(HMM:1.2e-07)
20311	OJ990527_03.9C03.C39.p1.np	ank(HMM:2.1e-09)
20312	OJ990527_03.9C03.C39.p2.np	ank(HMM:2.1e-09)
20313	OJ990530_44.9819.C1.p5.np	ank(HMM:1.9e-15)
20314	OJ990531_43.9C03.C8.p1.np	ank(HMM:8.9e-15)
20315	OJ990617_03.9922.C3.p4.np	ank(HMM:0.017)
20316	OJ990618_03.9B19.C17.p1.np	ank(HMM:3.3e-13)
20317	OJ990619_45.9C20.C2.p1.np	ank(HMM:3e-27)
20318	OJ990626_40.0211.C20.p1.np	ank(HMM:1.4e-32)
20319	OJ990630_04.9C01.C12.p2.np	ank(HMM:7.6e-18)

20320	OJ990630_04.9C01.C12.p3.np	ank(HMM:3.3e-14)
20321	OJ990703_47.9C16.C4.p3.np	ank(HMM:2e-38)
20322	OJ990706_01.9921.C47.p1.np	ank(HMM:7.5e-09)
20323	OJ990706_01.9921.C7.p1.np	ank(HMM:2.6e-05)
20324	OJ990706_01.9921.C9.p1.np	ank(HMM:2.4e-05)
20325	OJ990709_12.9A11.C7.p1.np	ank(HMM:4.9e-07)
20326	OJ990721_03.9C10.C7.p1.np	ank(HMM:1.2e-11)
20327	OJ990722_13.9C03.C6.p2.np	ank(HMM:1.1e-24)
20328	OJ990728_03.9C13.C20.p1.np	ank(HMM:2.4e-10)
20329	OJ990807_31.0419.C5.p1.np	ank(HMM:6.3e-11)
20330	OJ990807_32.0211.C7.p3.np	ank(HMM:1.5e-49)
20331	OJ990807_32.0211.C7.p4.np	ank(HMM:5.4e-33)
20332	OJ990810_05.9B08.C10.p1.np	ank(HMM:1.9e-21)
20333	OJ990810_05.9B08.C19.p1.np	ank(HMM:3.9e-06)
20334	OJ990810_05.9B08.C2.p1.np	ank(HMM:9.6e-18)
20335	OJ990815_36.9B15.C2.p2.np	ank(HMM:1.9e-16)
20336	OJ990817_07.9A01.C3.p2.np	ank(HMM:1.4e-29)
20337	OJ990827_09.0103.C18.p1.np	ank(HMM:1.9e-15)
20338	OJ990913_16.0421.C8.p1.np	ank(HMM:3.9e-14)
20339	OJ990923_05.9B16.C2.p3.np	ank(HMM:1.1e-18)
20340	OJ990923_05.9B16.C2.p4.np	ank(HMM:2e-38)
20341	OJ991001_03.0107.C5.p1.np	ank(HMM:4.6e-11)
20342	OJ991007_03.0421.C3.p2.np	ank(HMM:8e-18)
20343	OJ991007_03.0421.C5.p2.np	ank(HMM:1.4e-05)
20344	OJ991007_03.9C27.C3.p2.np	ank(HMM:8e-18)
20345	OJ991007_03.9C27.C5.p2.np	ank(HMM:1.4e-05)
20346	OJ991014_02.0110.C52.p1.np	ank(HMM:2.7e-06)
20347	OJ991019_09.0211.C10.p3.np	ank(HMM:7.8e-42)
20348	OJ991020_16.0218.C2.p3.np	ank(HMM:1.6e-32)
20349	OJ991021_06.0218.C10.p1.np	ank(HMM:8.7e-22)
20350	OJ991022_08.0308.C34.p1.np	ank(HMM:6.6e-34)
20351	OJ991022_14.0119.C6.p3.np	ank(HMM:5.6e-33)
20352	OJ991022_14.0119.C7.p1.np	ank(HMM:4.1e-12)
20353	OJ991022_14.0119.C9.p3.np	ank(HMM:7.9e-40)
20354	OJ991026_09.0222.C19.p1.np	ank(HMM:2.1e-06)
20355	OJ991027_15.0118.C9.p3.np	ank(HMM:1.1e-24)
20356	OJ991027_15.0303.C7.p3.np	ank(HMM:1.1e-24)
20357	OJ991027_17.0118.C20.p3.np	ank(HMM:6.1e-09)
20358	OJ991029_14.0229.C25.p1.np	ank(HMM:4.2e-06)
20359	OJ991029_14.0229.C25.p2.np	ank(HMM:0.016)
20360	OJ991101_03.0218.C10.p2.np	ank(HMM:0.017)
20361	OJ991107_30.0204.C11.p5.np	ank(HMM:1.4e-20)
20362	OJ991107_39.9C17.C9.p2.np	ank(HMM:6.1e-21)
20363	OJ991110_01.0218.C16.p1.np	ank(HMM:2.1e-07)
20364	OJ991110_02.0225.C4.p1.np	ank(HMM:2.7e-20)
20365	OJ991110_02.0225.C4.p2.np	ank(HMM:1.1e-18)
20366	OJ991110_06.0330.C4.p1.np	ank(HMM:7.6e-30)
20367	OJ991110_06.0330.C4.p2.np	ank(HMM:4.2e-13)
20368	OJ991110_06.0330.C4.p6.np	ank(HMM:4.6e-11)
20369	OJ991112_18.0419.C1.p1.np	ank(HMM:1.4e-12)
20370	OJ991112_18.0419.C2.p1.np	ank(HMM:4.7e-11)
20371	OJ991112_18.0419.C34.p1.np	ank(HMM:8.2)
20372	OJ991112_18.0419.C43.p1.np	ank(HMM:1.3e-10)
20373	OJ991112_18.0419.C57.p1.np	ank(HMM:8.8e-08)

20374	OJ991117_10.0421.C10.p4.np	ank(HMM:1.8e-26)
20375	OJ991117_10.9C21.C9.p4.np	ank(HMM:1.8e-26)
20376	OJ991122_09.0330.C21.p1.np	ank(HMM:8e-18)
20377	OJ991122_10.0419.C43.p2.np	ank(HMM:2.4e-22)
20378	OJ991208_04.0128.C3.p1.np	ank(HMM:1.7e-15)
20379	OJ991209_10.0119.C14.p2.np	ank(HMM:1.4e-41)
20380	OJ991209_13.0301.C3.p3.np	ank(HMM:2.1e-05)
20381	OJ991210_01.0110.C4.p5.np	ank(HMM:1e-17)
20382	OJ991210_06.0110.C7.p1.np	ank(HMM:0.00077)
20383	OJ991214_16.0111.C6.p1.np	ank(HMM:5.2e-30)
20384	OJ991217_08.0202.C5.p2.np	ank(HMM:2.6e-19)
20385	OJ991217_08.0202.C5.p3.np	ank(HMM:8.2e-16)
20386	OJ991217_20.0218.C15.p1.np	ank(HMM:5.7e-06)
20387	OJ991225_73.0317.C13.p1.np	ank(HMM:1.8e-24)
20388	OJ991226_50.0317.C3.p1.np	ank(HMM:8.7e-22)
20389	OJ000150_05.0124.C10.p2.np	ank(HMM:1.1e-12),btb(HMM:6.8e-15)
20390	OJ000150_05.0421.C9.p2.np	ank(HMM:1.1e-12),btb(HMM:6.8e-15)
20391	OJ000303_05.0410.C4.p3.np	ank(HMM:2.5e-12),btb(HMM:0.0029)
20392	OJ990709_01.9919.C8.p1.np	ank(HMM:2.5e-12),btb(HMM:0.0013)
20393	OJ990410_27.9922.C7.p5.np	ank(HMM:2e-18),chromo(HMM:4.1e-05)
20394	OJ000302_08.0410.C6.p1.np	ank(HMM:0.047),sbpb(HMM:0.0055)
20395	OJ991112_11.0421.C4.p2.np	ank(HMM:3.8e-28),zf-c3hc4(HMM:0.048)
20396	OJ991112_11.9C22.C4.p2.np	ank(HMM:3.8e-28),zf-c3hc4(HMM:0.048)
20397	OJ990517_24.9A01.C42.p1.np	ank(HMM:0.0011),zf-ccch(HMM:0.046)
20398	OJ990630_02.9C01.C11.p2.np	ank(HMM:2.7e-12),zf-ccch(HMM:0.0052)
20399	OJ990830_12.9C03.C1.p1.np	ank(HMM:8.5e-07),zf-ccch(HMM:0.051)
20400	OJ991014_01.0111.C15.p3.np	ank(HMM:2.7e-12),zf-ccch(HMM:0.0052)
20401	OJ000102_54.0426.C89.p1.np	ap2-domain(HMM:1.1e-40)
20402	OJ000102_76.0222.C9.p5.np	ap2-domain(HMM:1.3e-35)
20403	OJ000102_76.0426.C9.p6.np	ap2-domain(HMM:1.3e-35)
20404	OJ000103_02.0124.C6.p1.np	ap2-domain(HMM:7.1e-28)
20405	OJ000103_02.0426.C6.p1.np	ap2-domain(HMM:7.1e-28)
20406	OJ000103_04.0303.C9.p2.np	ap2-domain(HMM:1.2e-59)
20407	OJ000103_04.0426.C9.p2.np	ap2-domain(HMM:1.2e-59)
20408	OJ000106_03.0216.C2.p1.np	ap2-domain(HMM:1.8e-35)
20409	OJ000106_03.0426.C2.p1.np	ap2-domain(HMM:1.8e-35)
20410	OJ000108_54.0419.C20.p1.np	ap2-domain(HMM:1.1e-40)
20411	OJ000108_54.0426.C20.p1.np	ap2-domain(HMM:1.1e-40)
20412	OJ000108_58.0228.C8.p1.np	ap2-domain(HMM:3.6e-35)
20413	OJ000110_18.0301.C3.p2.np	ap2-domain(HMM:1.2)
20414	OJ000110_18.0426.C3.p2.np	ap2-domain(HMM:1.2)
20415	OJ000113_04.0302.C14.p1.np	ap2-domain(HMM:6.5e-51)

20416	OJ000113_04.0426.C14.p1.np	ap2-domain(HMM:6.5e-51)
20417	OJ000113_23.0214.C4.p1.np	ap2-domain(HMM:1.7e-28)
20418	OJ000113_23.0303.C4.p1.np	ap2-domain(HMM:1.7e-28)
20419	OJ000113_24.0203.C11.p1.np	ap2-domain(HMM:5.3e-38)
20420	OJ000114_03.0320.C19.p1.np	ap2-domain(HMM:2.2e-38)
20421	OJ000114_13.0224.C5.p2.np	ap2-domain(HMM:4.8e-36)
20422	OJ000117_20.0222.C7.p2.np	ap2-domain(HMM:1.9e-27)
20423	OJ000118_11.0307.C6.p1.np	ap2-domain(HMM:1.5e-64)
20424	OJ000118_16.0301.C12.p2.np	ap2-domain(HMM:1.1e-38)
20425	OJ000118_16.0301.C16.p1.np	ap2-domain(HMM:3.4e-68)
20426	OJ000118_16.0317.C13.p1.np	ap2-domain(HMM:1.1e-38)
20427	OJ000118_16.0317.C9.p2.np	ap2-domain(HMM:3.4e-68)
20428	OJ000118_23.0419.C8.p1.np	ap2-domain(HMM:1e-10)
20429	OJ000204_21.0413.C5.p4.np	ap2-domain(HMM:1.8e-39)
20430	OJ000204_22.0419.C7.p2.np	ap2-domain(HMM:1.8e-39)
20431	OJ000204_28.0222.C9.p2.np	ap2-domain(HMM:9.8e-40)
20432	OJ000207_03.0330.C21.p1.np	ap2-domain(HMM:9.8e-40)
20433	OJ000207_10.0314.C17.p3.np	ap2-domain(HMM:1.4e-15)
20434	OJ000207_18.0323.C14.p1.np	ap2-domain(HMM:2.3e-38)
20435	OJ000207_18.0323.C15.p1.np	ap2-domain(HMM:0.87)
20436	OJ000207_18.0323.C21.p4.np	ap2-domain(HMM:2.6e-38)
20437	OJ000208_14.0419.C18.p1.np	ap2-domain(HMM:0.13)
20438	OJ000208_19.0419.C8.p1.np	ap2-domain(HMM:1.7e-38)
20439	OJ000208_26.0302.C5.p1.np	ap2-domain(HMM:2e-37)
20440	OJ000209_01.0301.C13.p1.np	ap2-domain(HMM:1.6e-52)
20441	OJ000209_02.0314.C47.p1.np	ap2-domain(HMM:1.6e-52)
20442	OJ000209_05.0228.C3.p3.np	ap2-domain(HMM:2.2e-38)
20443	OJ000209_07.0323.C2.p1.np	ap2-domain(HMM:7.1e-40)
20444	OJ000209_10.0317.C9.p1.np	ap2-domain(HMM:2.2e-38)
20445	OJ000214_08.0419.C35.p1.np	ap2-domain(HMM:2.8e-40)
20446	OJ000221_17.0407.C6.p1.np	ap2-domain(HMM:0.016)
20447	OJ000221_22.0309.C18.p2.np	ap2-domain(HMM:1.2)
20448	OJ000223_12.0316.C1.p1.np	ap2-domain(HMM:1.5e-38)
20449	OJ000223_19.0403.C3.p1.np	ap2-domain(HMM:6.6e-67)
20450	OJ000224_06.0317.C22.p1.np	ap2-domain(HMM:4.4e-07)
20451	OJ000229_21.0410.C9.p2.np	ap2-domain(HMM:9.8e-40)
20452	OJ000250_03.0420.C33.p1.np	ap2-domain(HMM:0.0023)
20453	OJ000250_25.0225.C5.p3.np	ap2-domain(HMM:7.9e-44)
20454	OJ000250_46.0211.C6.p3.np	ap2-domain(HMM:9.2e-42)
20455	OJ000250_46.0211.C8.p1.np	ap2-domain(HMM:1.1e-40)
20456	OJ000250_46.0303.C2.p5.np	ap2-domain(HMM:9.2e-42)
20457	OJ000250_46.0303.C3.p1.np	ap2-domain(HMM:1.1e-40)
20458	OJ000250_63.0419.C52.p2.np	ap2-domain(HMM:0.00026)
20459	OJ000250_71.0214.C26.p4.np	ap2-domain(HMM:9.7e-38)
20460	OJ000251_05.0228.C30.p1.np	ap2-domain(HMM:3.6e-35)
20461	OJ000251_21.0218.C2.p6.np	ap2-domain(HMM:0.00041)
20462	OJ000251_47.0320.C3.p2.np	ap2-domain(HMM:6.5e-36)
20463	OJ000251_51.0217.C4.p2.np	ap2-domain(HMM:1.1e-40)
20464	OJ000251_51.0217.C7.p1.np	ap2-domain(HMM:9.2e-42)
20465	OJ000301_05.0404.C11.p2.np	ap2-domain(HMM:3.6e-35)
20466	OJ000301_18.0330.C10.p1.np	ap2-domain(HMM:2.9e-21)
20467	OJ000306_03.0419.C30.p2.np	ap2-domain(HMM:1.4e-15)
20468	OJ000306_13.0410.C2.p1.np	ap2-domain(HMM:3.6e-35)
20469	OJ000306_13.0420.C7.p1.np	ap2-domain(HMM:3.6e-35)

20470	OJ000307_07.0330.C2.p2.np	ap2-domain(HMM:2.6e-32)
20471	OJ000308_06.0328.C6.p1.np	ap2-domain(HMM:2.6e-32)
20472	OJ000310_09.0419.C18.p1.np	ap2-domain(HMM:3.8e-24)
20473	OJ000310_12.0419.C31.p1.np	ap2-domain(HMM:1.1e-43)
20474	OJ000313_05.0419.C56.p1.np	ap2-domain(HMM:0.01)
20475	OJ000313_05.0419.C57.p1.np	ap2-domain(HMM:5.2e-24)
20476	OJ000313_06.0419.C5.p1.np	ap2-domain(HMM:0.017)
20477	OJ000313_26.0407.C2.p1.np	ap2-domain(HMM:8.2e-60)
20478	OJ000313_26.0420.C8.p1.np	ap2-domain(HMM:8.2e-60)
20479	OJ000314_13.0417.C16.p3.np	ap2-domain(HMM:1.1e-39)
20480	OJ000314_33.0419.C13.p1.np	ap2-domain(HMM:1.3e-22)
20481	OJ000315_12.0412.C3.p3.np	ap2-domain(HMM:1.1e-39)
20482	OJ000315_21.0405.C6.p1.np	ap2-domain(HMM:5.8e-36)
20483	OJ000315_21.0420.C4.p1.np	ap2-domain(HMM:5.8e-36)
20484	OJ000315_30.0419.C7.p1.np	ap2-domain(HMM:6.7e-60)
20485	OJ000315_36.0412.C18.p1.np	ap2-domain(HMM:5.8e-40)
20486	OJ000316_01.0413.C7.p2.np	ap2-domain(HMM:0.041)
20487	OJ000316_20.0418.C14.p2.np	ap2-domain(HMM:5.9e-38)
20488	OJ000316_20.0418.C4.p2.np	ap2-domain(HMM:9.4e-33)
20489	OJ000316_22.0419.C44.p1.np	ap2-domain(HMM:5.2e-22)
20490	OJ000320_07.0419.C10.p1.np	ap2-domain(HMM:6.9e-30)
20491	OJ000320_07.0419.C11.p1.np	ap2-domain(HMM:0.28)
20492	OJ000320_33.0412.C12.p3.np	ap2-domain(HMM:1.9e-31)
20493	OJ000321_04.0419.C27.p1.np	ap2-domain(HMM:9.6e-32)
20494	OJ000321_06.0419.C8.p1.np	ap2-domain(HMM:2.1e-30)
20495	OJ000321_31.0411.C6.p3.np	ap2-domain(HMM:6.5e-36)
20496	OJ000321_39.0417.C1.p1.np	ap2-domain(HMM:9.8e-40)
20497	OJ000323_16.0421.C5.p1.np	ap2-domain(HMM:0.00015)
20498	OJ000323_38.0418.C7.p2.np	ap2-domain(HMM:3.1e-40)
20499	OJ000324_28.0420.C11.p1.np	ap2-domain(HMM:0.26)
20500	OJ000327_04.0419.C7.p1.np	ap2-domain(HMM:1e-33)
20501	OJ000327_28.0417.C1.p1.np	ap2-domain(HMM:7.3e-29)
20502	OJ000327_36.0418.C7.p2.np	ap2-domain(HMM:2.3e-32)
20503	OJ000328_19.0419.C3.p2.np	ap2-domain(HMM:4.7e-42)
20504	OJ000328_19.0419.C3.p3.np	ap2-domain(HMM:1.5e-45)
20505	OJ000329_02.0418.C9.p2.np	ap2-domain(HMM:2.3e-32)
20506	OJ000329_03.0421.C10.p1.np	ap2-domain(HMM:7.4)
20507	OJ000350_31.0315.C17.p1.np	ap2-domain(HMM:1.4e-32)
20508	OJ000350_31.0315.C17.p2.np	ap2-domain(HMM:3.2e-33)
20509	OJ000404_28.0424.C21.p1.np	ap2-domain(HMM:0.00062)
20510	OJ000404_40.0419.C37.p1.np	ap2-domain(HMM:2.6e-27)
20511	OJ000450_01.0419.C20.p1.np	ap2-domain(HMM:1.5e-57)
20512	OJ000450_02.0417.C16.p1.np	ap2-domain(HMM:6.5e-56)
20513	OJ000450_08.0414.C14.p2.np	ap2-domain(HMM:2.4e-56)
20514	OJ000450_10.0411.C3.p2.np	ap2-domain(HMM:2.6e-32)
20515	OJ000450_10.0411.C3.p6.np	ap2-domain(HMM:4.1e-29)
20516	OJ990222_08.0420.C14.p1.np	ap2-domain(HMM:7e-35)
20517	OJ990222_08.9819.C24.p1.np	ap2-domain(HMM:7e-35)
20518	OJ990324_03.0419.C24.p1.np	ap2-domain(HMM:2.4e-10)
20519	OJ990324_03.0419.C60.p1.np	ap2-domain(HMM:7.1e-13)
20520	OJ990325_01.9C03.C29.p1.np	ap2-domain(HMM:1.4e-15)
20521	OJ990325_04.0114.C8.p1.np	ap2-domain(HMM:9.8e-33)
20522	OJ990405_01.9A01.C13.p1.np	ap2-domain(HMM:8.8e-39)
20523	OJ990414_05.9A08.C7.p10.np	ap2-domain(HMM:0.00096)

20524	OJ990414_05.9A08.C7.p8.np	ap2-domain(HMM:0.00096)
20525	OJ990414_09.9922.C36.p1.np	ap2-domain(HMM:7.1e-54)
20526	OJ990428_02.9A29.C15.p1.np	ap2-domain(HMM:2.3e-32)
20527	OJ990430_35.9922.C9.p2.np	ap2-domain(HMM:5.2e-57)
20528	OJ990501_21.9922.C6.p2.np	ap2-domain(HMM:1.9e-27)
20529	OJ990501_23.9C03.C4.p1.np	ap2-domain(HMM:7e-41)
20530	OJ990503_06.9C10.C45.p1.np	ap2-domain(HMM:1e-33)
20531	OJ990504_02.9A01.C2.p1.np	ap2-domain(HMM:9.1e-28)
20532	OJ990504_06.9C17.C2.p1.np	ap2-domain(HMM:1.6e-38)
20533	OJ990504_07.9C27.C28.p1.np	ap2-domain(HMM:0.001)
20534	OJ990504_07.9C27.C79.p2.np	ap2-domain(HMM:0.0096)
20535	OJ990504_07.9C27.C80.p1.np	ap2-domain(HMM:8.9e-27)
20536	OJ990505_05.9A11.C31.p2.np	ap2-domain(HMM:0.00026)
20537	OJ990529_36.9A05.C1.p5.np	ap2-domain(HMM:1.5e-38)
20538	OJ990531_32.9A01.C10.p1.np	ap2-domain(HMM:4.7e-35)
20539	OJ990531_32.9A01.C9.p4.np	ap2-domain(HMM:0.00096)
20540	OJ990602_10.0228.C23.p1.np	ap2-domain(HMM:3.6e-35)
20541	OJ990612_35.0103.C6.p1.np	ap2-domain(HMM:4.4e-37)
20542	OJ990626_41.9B16.C5.p2.np	ap2-domain(HMM:1.1e-20)
20543	OJ990701_02.9922.C5.p1.np	ap2-domain(HMM:1.3e-22)
20544	OJ990713_02.9C10.C4.p1.np	ap2-domain(HMM:8.9e-39)
20545	OJ990721_10.0211.C12.p1.np	ap2-domain(HMM:0.037)
20546	OJ990807_34.9C17.C39.p1.np	ap2-domain(HMM:1.6)
20547	OJ990816_07.0225.C11.p1.np	ap2-domain(HMM:9.8e-05)
20548	OJ990816_07.0225.C5.p1.np	ap2-domain(HMM:0.13)
20549	OJ990818_13.0217.C16.p1.np	ap2-domain(HMM:3.5e-34)
20550	OJ990818_13.0317.C26.p1.np	ap2-domain(HMM:3.5e-34)
20551	OJ990818_16.9C10.C12.p1.np	ap2-domain(HMM:0.073)
20552	OJ990819_11.9C17.C35.p1.np	ap2-domain(HMM:0.002)
20553	OJ990830_09.9C23.C19.p2.np	ap2-domain(HMM:7.2e-51)
20554	OJ990914_01.9B05.C7.p1.np	ap2-domain(HMM:4.5e-50)
20555	OJ990914_16.0207.C6.p2.np	ap2-domain(HMM:1.1e-20)
20556	OJ990915_04.9B04.C10.p1.np	ap2-domain(HMM:6.6e-36)
20557	OJ990917_09.9A29.C15.p2.np	ap2-domain(HMM:2.9e-21)
20558	OJ990924_06.9C01.C14.p1.np	ap2-domain(HMM:1.2e-40)
20559	OJ990927_04.9B22.C8.p1.np	ap2-domain(HMM:4.8e-41)
20560	OJ991001_01.0119.C11.p1.np	ap2-domain(HMM:1.2e-40)
20561	OJ991021_11.0218.C9.p1.np	ap2-domain(HMM:6e-53)
20562	OJ991107_31.0204.C9.p1.np	ap2-domain(HMM:1.8e-40)
20563	OJ991107_37.0113.C35.p1.np	ap2-domain(HMM:0.13)
20564	OJ991107_37.0421.C35.p1.np	ap2-domain(HMM:0.22)
20565	OJ991107_41.0128.C4.p2.np	ap2-domain(HMM:0.00026)
20566	OJ991109_11.0207.C12.p1.np	ap2-domain(HMM:8.9e-44)
20567	OJ991110_05.0307.C15.p2.np	ap2-domain(HMM:2.8e-35)
20568	OJ991112_01.0403.C16.p4.np	ap2-domain(HMM:6.1e-66)
20569	OJ991112_15.0104.C17.p2.np	ap2-domain(HMM:6.4e-57)
20570	OJ991113_39.0419.C11.p1.np	ap2-domain(HMM:1.9e-36)
20571	OJ991114_41.9C06.C3.p1.np	ap2-domain(HMM:1.2e-37)
20572	OJ991114_45.0419.C94.p1.np	ap2-domain(HMM:1.4e-23)
20573	OJ991116_02.0215.C7.p1.np	ap2-domain(HMM:1.5e-35)
20574	OJ991117_12.0421.C16.p4.np	ap2-domain(HMM:2.7e-26)
20575	OJ991118_02.0104.C13.p1.np	ap2-domain(HMM:1.2e-40)
20576	OJ991121_39.0229.C39.p3.np	ap2-domain(HMM:6e-53)
20577	OJ991122_09.0330.C11.p2.np	ap2-domain(HMM:0.00096)

20578	OJ991122_10.0419.C42.p6.np	ap2-domain(HMM:0.00096)
20579	OJ991206_04.0421.C10.p1.np	ap2-domain(HMM:6.6e-36)
20580	OJ991206_04.0421.C10.p2.np	ap2-domain(HMM:6.6e-36)
20581	OJ991206_04.9C30.C26.p1.np	ap2-domain(HMM:6.6e-36)
20582	OJ991206_04.9C30.C26.p2.np	ap2-domain(HMM:6.6e-36)
20583	OJ991206_14.0215.C50.p1.np	ap2-domain(HMM:6.6e-36)
20584	OJ991210_10.0110.C28.p1.np	ap2-domain(HMM:5e-25)
20585	OJ991211_65.0317.C8.p1.np	ap2-domain(HMM:4.1e-20)
20586	OJ991216_11.0113.C5.p2.np	ap2-domain(HMM:1.5e-57)
20587	OJ991226_49.0317.C10.p1.np	ap2-domain(HMM:2.9e-21)
20588	OJ000103_10.0215.C11.p1.np	ap2-domain(HMM:4.8e-26),arf(HMM:6.4),b3(HMM:6.4e-48)
20589	OJ000103_10.0426.C11.p1.np	ap2-domain(HMM:4.8e-26),arf(HMM:6.4),b3(HMM:6.4e-48)
20590	OJ991021_17.0125.C8.p5.np	ap2-domain(HMM:4.8e-26),arf(HMM:6.4),b3(HMM:6.4e-48)
20591	OJ000103_10.0215.C16.p1.np	ap2-domain(HMM:7.2e-24),b3(HMM:3.1e-38)
20592	OJ000103_10.0426.C16.p1.np	ap2-domain(HMM:7.2e-24),b3(HMM:3.1e-38)
20593	OJ991021_17.0125.C3.p2.np	ap2-domain(HMM:7.2e-24),b3(HMM:3.1e-38)
20594	OJ000207_17.0306.C14.p1.np	arf(HMM:0.00017)
20595	OJ000207_17.0323.C12.p1.np	arf(HMM:0.00017)
20596	OJ000310_04.0419.C36.p1.np	arf(HMM:0.01)
20597	OJ990820_01.0210.C13.p1.np	arf(HMM:2.3e-23)
20598	OJ000119_08.0302.C6.p2.np	arf(HMM:0.058),b3(HMM:1.2e-63)
20599	OJ000125_05.0316.C9.p1.np	arf(HMM:3.3e-265),b3(HMM:1.7e-43)
20600	OJ000217_13.0320.C10.p1.np	arf(HMM:8.2e-278),b3(HMM:5.9e-49)
20601	OJ000223_03.0330.C17.p1.np	arf(HMM:3.4e-66),b3(HMM:2.6e-52)
20602	OJ000250_39.0223.C7.p1.np	arf(HMM:1.4e-17),b3(HMM:9.2e-30)
20603	OJ000301_04.0403.C16.p1.np	arf(HMM:5.5e-268),b3(HMM:1.6e-44)
20604	OJ000302_05.0406.C12.p1.np	arf(HMM:1.6e-253),b3(HMM:1.9e-51)
20605	OJ000308_22.0419.C3.p1.np	arf(HMM:0.034),b3(HMM:4e-10)
20606	OJ000310_04.0419.C16.p1.np	arf(HMM:3.8e-69),b3(HMM:1.2e-60)
20607	OJ000320_29.0419.C32.p1.np	arf(HMM:1.4e-15),b3(HMM:1.2e-05)
20608	OJ000330_01.0424.C5.p1.np	arf(HMM:1.9e-08),b3(HMM:5.3e-34)
20609	OJ000330_03.0419.C1.p1.np	arf(HMM:2e-68),b3(HMM:3.3e-20)
20610	OJ000330_35.0419.C24.p1.np	arf(HMM:8.7e-



20611	OJ000331_01.0419.C1.p1.np	187),b3(HMM:6.6e-48) arf(HMM:1.5e-255),b3(HMM:2.2e-48)
20612	OJ000331_13.0420.C4.p2.np	arf(HMM:0.039),b3(HMM:1.2e-63)
20613	OJ000331_13.0420.C4.p4.np	arf(HMM:0.058),b3(HMM:1.2e-63)
20614	OJ000404_33.0424.C14.p2.np	arf(HMM:1.2e-138),b3(HMM:8.1e-45)
20615	OJ990203_05.9819.C2.p4.np	arf(HMM:1.2e-185),b3(HMM:1e-57)
20616	OJ990515_23.9A07.C8.p1.np	arf(HMM:3.3e-05),b3(HMM:6.6e-11)
20617	OJ990529_36.9A05.C5.p1.np	arf(HMM:3.9e-167),b3(HMM:1.1e-58)
20618	OJ990708_04.9A01.C8.p7.np	arf(HMM:2.6e-249),b3(HMM:6.7e-34)
20619	OJ990713_07.0419.C6.p1.np	arf(HMM:8.7e-228),b3(HMM:9.7e-47)
20620	OJ990805_01.9B19.C6.p1.np	arf(HMM:1.2e-184),b3(HMM:3.1e-58)
20621	OJ990823_06.9B03.C9.p1.np	arf(HMM:0.0045),b3(HMM:4.1e-48)
20622	OJ990920_18.9C06.C29.p1.np	arf(HMM:1.2),b3(HMM:4.1e-48)
20623	OJ000113_08.0215.C3.p3.np	arf(HMM:5.4e-233),b3(HMM:1.1e-47),iaa(HMM:7.1e-41)
20624	OJ000113_08.0426.C3.p3.np	arf(HMM:5.4e-233),b3(HMM:1.1e-47),iaa(HMM:7.1e-41)
20625	OJ000114_24.0315.C2.p5.np	arf(HMM:5.4e-233),b3(HMM:1.1e-47),iaa(HMM:7.1e-41)
20626	OJ000210_11.0302.C11.p1.np	arf(HMM:1.1e-225),b3(HMM:4.5e-50),iaa(HMM:1.3e-37)
20627	OJ000223_05.0419.C21.p1.np	arf(HMM:3.2e-103),b3(HMM:4.7e-42),iaa(HMM:0.36)
20628	OJ000223_22.0320.C8.p1.np	arf(HMM:1.6e-181),b3(HMM:2.2e-43),iaa(HMM:3.6e-12)
20629	OJ000302_20.0420.C9.p2.np	arf(HMM:3.2e-103),b3(HMM:4.7e-42),iaa(HMM:0.36)
20630	OJ000310_06.0417.C4.p3.np	arf(HMM:1.1e-225),b3(HMM:4.5e-50),iaa(HMM:1.3e-37)
20631	OJ990402_08.9922.C31.p2.np	arf(HMM:2.7e-229),b3(HMM:5.8e-47),iaa(HMM:4.7e-35)
20632	OJ990605_37.9922.C3.p2.np	arf(HMM:9.4e-241),b3(HMM:2.4e-49),iaa(HMM:4.7e-35)

20633	OJ991109_02.0118.C5.p1.np	arf(HMM:3.4e-262),b3(HMM:6.1e-46),iaa(HMM:4.3e-15)
20634	OJ991201_03.0310.C7.p1.np	arf(HMM:5.3e-105),b3(HMM:4.9e-43),iaa(HMM:1.1)
20635	OJ991201_03.0421.C6.p1.np	arf(HMM:1.3e-100),b3(HMM:4.9e-43),iaa(HMM:1.1)
20636	OJ991201_03.9C23.C17.p1.np	arf(HMM:5.3e-105),b3(HMM:4.9e-43),iaa(HMM:1.1)
20637	OJ991208_02.0106.C5.p5.np	arf(HMM:5.4e-233),b3(HMM:1.1e-47),iaa(HMM:7.1e-41)
20638	OJ000330_35.0419.C23.p1.np	arf(HMM:1.1e-18),iaa(HMM:3.7e-22)
20639	OJ000221_16.0403.C7.p1.np	arid(HMM:0.0012)
20640	OJ000321_33.0424.C30.p1.np	arid(HMM:0.00036)
20641	OJ000324_18.0420.C8.p2.np	arid(HMM:0.0047)
20642	OJ000330_02.0418.C16.p1.np	arid(HMM:0.00096)
20643	OJ990406_07.9C10.C14.p1.np	arid(HMM:0.00059)
20644	OJ990531_39.9919.C9.p2.np	arid(HMM:3.7e-05)
20645	OJ991117_07.0104.C63.p1.np	arid(HMM:3.7e-05)
20646	OJ991117_07.0421.C50.p2.np	arid(HMM:3.7e-05)
20647	OJ000105_19.0405.C46.p4.np	arid(HMM:8.5e-11),hmg_box(HMM:4.5e-18)
20648	OJ000105_19.0426.C46.p4.np	arid(HMM:8.5e-11),hmg_box(HMM:4.5e-18)
20649	OJ000208_08.0321.C10.p1.np	athook(HMM:0.0072)
20650	OJ000210_13.0424.C2.p3.np	athook(HMM:0.077)
20651	OJ000310_39.0424.C54.p1.np	athook(HMM:0.042)
20652	OJ990406_07.9C10.C20.p3.np	athook(HMM:0.015)
20653	OJ990531_39.9919.C7.p1.np	athook(HMM:0.033)
20654	OJ990716_06.9819.C10.p1.np	athook(HMM:0.0061)
20655	OJ991121_46.9C13.C12.p3.np	athook(HMM:0.076)
20656	OJ991201_12.0421.C4.p10.np	athook(HMM:0.1)
20657	OJ991201_12.0421.C4.p9.np	athook(HMM:0.1)
20658	OJ991201_12.9C29.C4.p7.np	athook(HMM:0.1)
20659	OJ991214_11.0127.C6.p1.np	athook(HMM:0.00056)
20660	OJ000208_06.0424.C23.p1.np	b3(HMM:4.6)
20661	OJ000250_89.0214.C3.p1.np	b3(HMM:0.32)
20662	OJ000250_89.0214.C6.p2.np	b3(HMM:1.4e-38)
20663	OJ000301_04.0403.C43.p1.np	b3(HMM:8e-35)
20664	OJ000313_32.0419.C12.p1.np	b3(HMM:3.3e-46)
20665	OJ000350_09.0323.C8.p1.np	b3(HMM:8.9e-41)
20666	OJ000450_17.0411.C2.p14.np	b3(HMM:2.1e-63)
20667	OJ990401_09.9923.C9.p10.np	b3(HMM:8.8e-07)
20668	OJ990401_09.9923.C9.p9.np	b3(HMM:2.9e-05)
20669	OJ990527_36.9922.C4.p1.np	b3(HMM:2.9e-72)
20670	OJ990720_10.9C17.C14.p1.np	b3(HMM:6.9e-06)
20671	OJ990730_02.9C10.C3.p5.np	b3(HMM:2.9e-72)
20672	OJ990730_06.0310.C12.p1.np	b3(HMM:2.9e-72)
20673	OJ990730_06.9921.C35.p1.np	b3(HMM:2.9e-72)

20674	OJ990808_30.9C10.C13.p1.np	b3(HMM:2.9e-72)
20675	OJ990823_12.9B01.C10.p1.np	b3(HMM:2.9e-72)
20676	OJ991015_18.0315.C8.p1.np	b3(HMM:1.2e-05)
20677	OJ991015_18.0315.C8.p2.np	b3(HMM:7.2e-05)
20678	OJ991019_09.0211.C3.p1.np	b3(HMM:1.2e-05)
20679	OJ991019_09.0211.C4.p1.np	b3(HMM:6.6e-08)
20680	OJ991113_34.0421.C10.p4.np	b3(HMM:1.4e-37)
20681	OJ991113_34.9C27.C28.p1.np	b3(HMM:1.4e-37)
20682	OJ991122_05.0210.C19.p1.np	b3(HMM:0.00046)
20683	OJ991122_05.0303.C24.p1.np	b3(HMM:0.00043)
20684	OJ991122_05.0421.C24.p1.np	b3(HMM:0.00043)
20685	OJ991215_14.0211.C13.p1.np	b3(HMM:7.2e-47)
20686	OJ000150_00.0124.C60.p1.np	bah(HMM:5.2e-82)
20687	OJ000301_25.0410.C6.p1.np	bah(HMM:0.063)
20688	OJ000316_06.0418.C40.p2.np	bah(HMM:1.2)
20689	OJ000324_01.0424.C39.p1.np	bah(HMM:1.8e-07)
20690	OJ000324_08.0419.C30.p1.np	bah(HMM:2e-18)
20691	OJ990311_14.9819.C1.p1.np	bah(HMM:2e-84)
20692	OJ990323_15.9A11.C2.p1.np	bah(HMM:5.2e-82)
20693	OJ990515_23.9A07.C6.p1.np	bah(HMM:1.1)
20694	OJ990528_11.9A03.C13.p3.np	bah(HMM:0.063)
20695	OJ990528_11.9A03.C69.p1.np	bah(HMM:0.046)
20696	OJ991122_05.0210.C27.p1.np	bah(HMM:7.1e-75)
20697	OJ991122_05.0303.C17.p1.np	bah(HMM:2.3e-77)
20698	OJ991122_05.0421.C17.p1.np	bah(HMM:2.3e-77)
20699	OJ991215_09.0118.C4.p1.np	bah(HMM:4.8)
20700	OJ991114_37.0128.C18.p1.np	bah(HMM:2.5e-17),chromo(HMM:0.011)
20701	OJ990323_15.9A11.C5.p4.np	bah(HMM:1e-32),phd(HMM:2.3e-14)
20702	OJ990817_03.0218.C5.p4.np	bah(HMM:1.1e-36),phd(HMM:3.3e-13)
20703	OJ990923_15.9C01.C7.p3.np	bah(HMM:1.1e-36),phd(HMM:3.3e-13)
20704	OJ991109_09.0421.C1.p4.np	bah(HMM:9.4e-18),phd(HMM:1.7e-09)
20705	OJ991109_09.9C22.C1.p4.np	bah(HMM:9.4e-18),phd(HMM:1.7e-09)
20706	OJ991110_09.0222.C14.p4.np	bah(HMM:9.4e-18),phd(HMM:1.7e-09)
20707	OJ991121_47.9C30.C7.p1.np	bah(HMM:7.4e-23),phd(HMM:1.7e-09)
20708	OJ991121_47.9C30.C7.p2.np	bah(HMM:4.3e-18),phd(HMM:1.7e-09)
20709	OJ991208_20.0406.C14.p1.np	bah(HMM:1.8e-28),phd(HMM:2.3e-14)
20710	OJ991216_14.0114.C7.p1.np	bah(HMM:1.1e-36),phd(HMM:3.3e-13)
20711	OJ990419_08.9923.C14.p1.np	bpf-1(HMM:1.7e-15)
20712	OJ990419_08.9923.C13.p1.np	bpf-1(HMM:0.00015),myb_dna-binding(HMM:0.026)
20713	OJ990822_48.0106.C2.p4.np	bpf-1(HMM:7.8e-79),myb_dna-binding(HMM:0.0099)
20714	OJ991113_46.0103.C14.p3.np	bpf-1(HMM:0.0048),myb_dna-

20715	OJ000111_15.0217.C3.p10.np	binding(HMM:0.0034)
20716	OJ000111_15.0426.C3.p10.np	bromodomain(HMM:4.3e-34)
20717	OJ000111_17.0229.C13.p1.np	bromodomain(HMM:4.3e-34)
20718	OJ000111_17.0229.C25.p1.np	bromodomain(HMM:2.3e-06)
20719	OJ000111_17.0426.C13.p1.np	bromodomain(HMM:1.2e-26)
20720	OJ000111_17.0426.C25.p1.np	bromodomain(HMM:1.4e-08)
20721	OJ000117_11.0223.C23.p2.np	bromodomain(HMM:1.2e-26)
20722	OJ000117_11.0223.C9.p1.np	bromodomain(HMM:2.5e-18)
20723	OJ000117_15.0207.C5.p2.np	bromodomain(HMM:1.1e-20)
20724	OJ000118_14.0228.C8.p13.np	bromodomain(HMM:3.3e-32)
20725	OJ000118_14.0331.C7.p13.np	bromodomain(HMM:4.3e-34)
20726	OJ000207_19.0316.C4.p2.np	bromodomain(HMM:4.3e-34)
20727	OJ000211_08.0323.C2.p1.np	bromodomain(HMM:2.7e-23)
20728	OJ000217_01.0308.C8.p1.np	bromodomain(HMM:2.4e-27)
20729	OJ000250_57.0214.C1.p1.np	bromodomain(HMM:3e-17)
20730	OJ000250_57.0310.C1.p1.np	bromodomain(HMM:5.3e-29)
20731	OJ000307_02.0330.C7.p1.np	bromodomain(HMM:5.3e-29)
20732	OJ000316_22.0419.C50.p1.np	bromodomain(HMM:3e-17)
20733	OJ000321_05.0419.C20.p1.np	bromodomain(HMM:5.7e-05)
20734	OJ000327_18.0420.C8.p1.np	bromodomain(HMM:5.3e-29)
20735	OJ000331_17.0424.C14.p1.np	bromodomain(HMM:9.9e-05)
20736	OJ000331_17.0426.C13.p1.np	bromodomain(HMM:5.3e-29)
20737	OJ990211_02.9819.C35.p1.np	bromodomain(HMM:5.3e-29)
20738	OJ990211_03.9819.C29.p1.np	bromodomain(HMM:9.6e-33)
20739	OJ990410_27.9922.C4.p2.np	bromodomain(HMM:9.6e-33)
20740	OJ990415_01.9922.C1.p1.np	bromodomain(HMM:1.1e-23)
20741	OJ990415_01.9922.C13.p1.np	bromodomain(HMM:2.3e-19)
20742	OJ990416_02.9923.C7.p3.np	bromodomain(HMM:5.3e-29)
20743	OJ990416_05.9A01.C6.p1.np	bromodomain(HMM:5.3e-29)
20744	OJ990416_06.9819.C32.p5.np	bromodomain(HMM:3e-17)
20745	OJ990524_13.0103.C5.p1.np	bromodomain(HMM:3e-17)
20746	OJ990602_04.0103.C15.p2.np	bromodomain(HMM:9e-30)
20747	OJ990602_04.0103.C15.p3.np	bromodomain(HMM:9.9e-05)
20748	OJ990903_13.0225.C11.p1.np	bromodomain(HMM:9.9e-05)
20749	OJ990923_05.9B16.C7.p5.np	bromodomain(HMM:9e-30)
20750	OJ991021_06.0218.C10.p2.np	bromodomain(HMM:3e-17)
20751	OJ991028_16.0225.C2.p1.np	bromodomain(HMM:9.6e-33)
20752	OJ991121_46.9C13.C3.p1.np	bromodomain(HMM:0.23)
20753	OJ991216_04.0316.C15.p1.np	bromodomain(HMM:3.3e-32)
20754	OJ991226_50.0317.C3.p2.np	bromodomain(HMM:1.2)
20755	OJ990518_08.9C03.C49.p1.np	bromodomain(HMM:9.6e-33)
20756	OJ990708_04.9A01.C10.p1.np	btb(HMM:0.073)
20757	OJ991117_16.0419.C17.p3.np	btb(HMM:0.015)
20758	OJ000102_54.0426.C53.p1.np	btb(HMM:0.073)
20759	OJ000106_07.0310.C11.p2.np	bzip(HMM:4.3e-09)
20760	OJ000106_07.0426.C11.p2.np	bzip(HMM:1.4e-22)
20761	OJ000106_16.0207.C26.p1.np	bzip(HMM:1.4e-22)
20762	OJ000106_16.0426.C26.p1.np	bzip(HMM:1e-18)
20763	OJ000110_04.0426.C37.p1.np	bzip(HMM:1e-18)
20764	OJ000110_13.0222.C15.p3.np	bzip(HMM:1.2e-22)
20765	OJ000110_13.0426.C15.p3.np	bzip(HMM:3.8e-12)
20766	OJ000111_20.0215.C5.p1.np	bzip(HMM:3.8e-12)
20767	OJ000111_20.0426.C5.p1.np	bzip(HMM:0.0098)
		bzip(HMM:0.0098)

20768	OJ000113_11.0225.C12.p1.np	bzip(HMM:1.2e-10)
20769	OJ000113_21.0317.C10.p1.np	bzip(HMM:8.4e-09)
20770	OJ000118_07.0215.C1.p5.np	bzip(HMM:1.9e-07)
20771	OJ000119_08.0302.C5.p1.np	bzip(HMM:2.9e-05)
20772	OJ000150_00.0124.C48.p1.np	bzip(HMM:4e-18)
20773	OJ000150_01.0124.C24.p1.np	bzip(HMM:4.3e-14)
20774	OJ000150_01.0124.C39.p1.np	bzip(HMM:1.4e-12)
20775	OJ000150_20.0124.C2.p3.np	bzip(HMM:1.9e-07)
20776	OJ000208_12.0417.C12.p1.np	bzip(HMM:6.3e-08)
20777	OJ000209_01.0301.C12.p1.np	bzip(HMM:2.7e-11)
20778	OJ000209_02.0314.C46.p1.np	bzip(HMM:2.2e-09)
20779	OJ000222_01.0327.C5.p1.np	bzip(HMM:2.4e-12)
20780	OJ000229_14.0327.C8.p1.np	bzip(HMM:5.9e-08)
20781	OJ000310_32.0419.C5.p2.np	bzip(HMM:2.8e-05)
20782	OJ000313_06.0419.C16.p4.np	bzip(HMM:8.4e-17)
20783	OJ000313_31.0421.C4.p1.np	bzip(HMM:0.00033)
20784	OJ000313_36.0421.C13.p1.np	bzip(HMM:0.00097)
20785	OJ000314_12.0418.C1.p2.np	bzip(HMM:5.6e-12)
20786	OJ000314_12.0418.C9.p4.np	bzip(HMM:0.0029)
20787	OJ000320_11.0419.C31.p1.np	bzip(HMM:3.5e-12)
20788	OJ000320_24.0411.C8.p1.np	bzip(HMM:0.00066)
20789	OJ000321_07.0419.C21.p1.np	bzip(HMM:0.0012)
20790	OJ000321_35.0417.C3.p2.np	bzip(HMM:0.11)
20791	OJ000322_02.0419.C21.p1.np	bzip(HMM:1.2e-10)
20792	OJ000322_13.0420.C36.p2.np	bzip(HMM:1.5e-14)
20793	OJ000323_34.0412.C21.p1.np	bzip(HMM:8.4e-17)
20794	OJ000323_34.0420.C7.p1.np	bzip(HMM:8.4e-17)
20795	OJ000330_10.0420.C3.p1.np	bzip(HMM:0.00097)
20796	OJ000331_13.0420.C5.p1.np	bzip(HMM:1.2e-07)
20797	OJ000350_09.0323.C13.p5.np	bzip(HMM:3.5e-08)
20798	OJ000350_15.0322.C12.p2.np	bzip(HMM:5.6e-12)
20799	OJ000350_15.0322.C17.p1.np	bzip(HMM:0.0012)
20800	OJ000350_52.0314.C2.p3.np	bzip(HMM:3.5e-12)
20801	OJ000350_58.0327.C30.p1.np	bzip(HMM:6.9e-07)
20802	OJ000450_06.0410.C10.p4.np	bzip(HMM:8.4e-17)
20803	OJ990304_01.9819.C3.p1.np	bzip(HMM:9.8e-13)
20804	OJ990310_01.9819.C17.p2.np	bzip(HMM:0.0013)
20805	OJ990311_14.9819.C3.p1.np	bzip(HMM:5.3e-10)
20806	OJ990318_03.9A03.C5.p1.np	bzip(HMM:0.0013)
20807	OJ990318_03.9A03.C6.p1.np	bzip(HMM:1.2e-14)
20808	OJ990318_03.9A03.C7.p1.np	bzip(HMM:2.3e-13)
20809	OJ990319_11.0419.C36.p1.np	bzip(HMM:2.6e-11)
20810	OJ990319_11.9524.C16.p1.np	bzip(HMM:2.6e-11)
20811	OJ990330_14.0103.C7.p4.np	bzip(HMM:6.4e-14)
20812	OJ990402_30.9819.C6.p1.np	bzip(HMM:1.8e-13)
20813	OJ990402_31.9C10.C5.p1.np	bzip(HMM:6.6e-12)
20814	OJ990405_09.9819.C17.p4.np	bzip(HMM:4.2e-13)
20815	OJ990406_07.9C10.C25.p1.np	bzip(HMM:0.00096)
20816	OJ990421_31.9924.C12.p1.np	bzip(HMM:5e-07)
20817	OJ990421_31.9924.C21.p1.np	bzip(HMM:5e-07)
20818	OJ990423_11.9924.C14.p1.np	bzip(HMM:7.4e-12)
20819	OJ990426_04.9924.C18.p4.np	bzip(HMM:4.4)
20820	OJ990426_04.9924.C19.p1.np	bzip(HMM:0.21)
20821	OJ990427_01.9A14.C21.p5.np	bzip(HMM:1.9e-07)

20822	OJ990427_21.0114.C10.p1.np	bzip(HMM:4.1e-07)
20823	OJ990427_21.0114.C10.p2.np	bzip(HMM:4.1e-07)
20824	OJ990429_21.9922.C16.p1.np	bzip(HMM:0.12)
20825	OJ990518_10.9924.C37.p3.np	bzip(HMM:9.4e-06)
20826	OJ990518_10.9924.C38.p1.np	bzip(HMM:0.0007)
20827	OJ990520_03.9C23.C38.p1.np	bzip(HMM:0.0015)
20828	OJ990604_03.9C03.C40.p1.np	bzip(HMM:0.00097)
20829	OJ990605_41.0225.C3.p3.np	bzip(HMM:1.2e-22)
20830	OJ990612_35.0103.C7.p5.np	bzip(HMM:1e-10)
20831	OJ990616_09.9C01.C7.p1.np	bzip(HMM:0.052)
20832	OJ990616_09.9C01.C8.p1.np	bzip(HMM:1.6e-21)
20833	OJ990617_02.9B01.C92.p1.np	bzip(HMM:0.0043)
20834	OJ990619_50.0211.C2.p1.np	bzip(HMM:1.2e-06)
20835	OJ990705_39.9919.C11.p5.np	bzip(HMM:1.9e-07)
20836	OJ990716_06.9819.C18.p1.np	bzip(HMM:1.8e-14)
20837	OJ990728_08.0114.C19.p1.np	bzip(HMM:3.5e-12)
20838	OJ990818_04.9A01.C5.p7.np	bzip(HMM:0.0056)
20839	OJ990821_44.9C20.C3.p5.np	bzip(HMM:0.0087)
20840	OJ990830_03.9B17.C45.p1.np	bzip(HMM:1.3e-10)
20841	OJ990903_12.9C01.C20.p1.np	bzip(HMM:7e-12)
20842	OJ990903_12.9C01.C20.p2.np	bzip(HMM:7e-12)
20843	OJ990903_18.0103.C5.p9.np	bzip(HMM:8.4e-16)
20844	OJ990907_11.0103.C2.p1.np	bzip(HMM:0.0098)
20845	OJ990909_05.0223.C12.p1.np	bzip(HMM:6.6e-15)
20846	OJ990909_08.0222.C22.p1.np	bzip(HMM:1.8e-10)
20847	OJ990922_02.9C17.C34.p1.np	bzip(HMM:2.4e-12)
20848	OJ991007_03.0421.C8.p2.np	bzip(HMM:1.2e-13)
20849	OJ991007_03.9C27.C8.p2.np	bzip(HMM:1.2e-13)
20850	OJ991012_10.0127.C11.p1.np	bzip(HMM:0.00033)
20851	OJ991108_12.0404.C11.p1.np	bzip(HMM:0.055)
20852	OJ991111_08.0307.C11.p3.np	bzip(HMM:3.5e-12)
20853	OJ991112_17.9C20.C5.p6.np	bzip(HMM:8.1e-18)
20854	OJ991117_16.0419.C8.p1.np	bzip(HMM:5e-08)
20855	OJ991119_17.0126.C6.p1.np	bzip(HMM:2.8e-05)
20856	OJ991202_01.0419.C34.p1.np	bzip(HMM:1.6e-21)
20857	OJ991216_10.0211.C14.p2.np	bzip(HMM:0.00033)
20858	OJ991220_10.0118.C5.p2.np	bzip(HMM:0.01)
20859	OJ000223_05.0419.C14.p1.np	bzip(HMM:0.052),homeobox(HMM:5.9e-15)
20860	OJ000302_20.0420.C9.p5.np	bzip(HMM:0.052),homeobox(HMM:5.9e-15)
20861	OJ991114_36.0128.C7.p1.np	bzip(HMM:0.058),homeobox(HMM:2.3e-07)
20862	OJ990903_18.0103.C5.p3.np	bzip(HMM:8.4e-16),zf-cchc(HMM:0.00047)
20863	OJ000113_23.0214.C4.p2.np	cbfd_nfyb_hmf(HMM:1.7e-36)
20864	OJ000113_23.0303.C4.p2.np	cbfd_nfyb_hmf(HMM:1.7e-36)
20865	OJ000122_36.0307.C45.p1.np	cbfd_nfyb_hmf(HMM:6.7e-05)
20866	OJ000130_34.0419.C15.p4.np	cbfd_nfyb_hmf(HMM:2.9e-37)
20867	OJ000130_34.0419.C15.p5.np	cbfd_nfyb_hmf(HMM:1.7e-32)
20868	OJ000209_28.0419.C35.p1.np	cbfd_nfyb_hmf(HMM:3.7e-21)
20869	OJ000217_16.0403.C13.p2.np	cbfd_nfyb_hmf(HMM:3.6e-33)
20870	OJ000229_25.0322.C37.p2.np	cbfd_nfyb_hmf(HMM:2.6e-08)
20871	OJ000250_84.0214.C9.p4.np	cbfd_nfyb_hmf(HMM:1.9e-13)

20872	OJ000250_93.0307.C10.p2.np	cbfd_nfyb_hmf(HMM:6.7e-05)
20873	OJ000303_14.0419.C3.p2.np	cbfd_nfyb_hmf(HMM:3.4e-05)
20874	OJ000320_16.0419.C20.p1.np	cbfd_nfyb_hmf(HMM:1.4e-37)
20875	OJ000323_18.0419.C2.p1.np	cbfd_nfyb_hmf(HMM:1.9e-13)
20876	OJ000324_19.0419.C6.p2.np	cbfd_nfyb_hmf(HMM:5.1e-15)
20877	OJ000350_26.0323.C10.p9.np	cbfd_nfyb_hmf(HMM:2.6e-23)
20878	OJ990402_27.9819.C20.p2.np	cbfd_nfyb_hmf(HMM:1.1e-26)
20879	OJ990514_12.0103.C34.p1.np	cbfd_nfyb_hmf(HMM:0.0035)
20880	OJ990525_14.9C03.C6.p1.np	cbfd_nfyb_hmf(HMM:4.9e-23)
20881	OJ990528_11.9A03.C44.p1.np	cbfd_nfyb_hmf(HMM:1.1e-38)
20882	OJ990619_53.9A29.C4.p1.np	cbfd_nfyb_hmf(HMM:0.009)
20883	OJ990714_12.0419.C51.p2.np	cbfd_nfyb_hmf(HMM:0.0035)
20884	OJ990721_02.9B16.C15.p1.np	cbfd_nfyb_hmf(HMM:2.7e-14)
20885	OJ990803_06.9B18.C7.p1.np	cbfd_nfyb_hmf(HMM:2.9e-13)
20886	OJ990827_03.9C01.C15.p1.np	cbfd_nfyb_hmf(HMM:1.4e-37)
20887	OJ991029_11.0207.C12.p1.np	cbfd_nfyb_hmf(HMM:4.8e-22)
20888	OJ991122_12.0229.C3.p8.np	cbfd_nfyb_hmf(HMM:1.7e-32)
20889	OJ991122_12.0229.C5.p1.np	cbfd_nfyb_hmf(HMM:2.9e-37)
20890	OJ991201_12.0421.C5.p1.np	cbfd_nfyb_hmf(HMM:4.6e-38)
20891	OJ991201_12.9C29.C5.p1.np	cbfd_nfyb_hmf(HMM:4.6e-38)
20892	OJ000204_17.0323.C5.p1.np	cbfd_nfyb_hmf(HMM:0.17),histo ne(HMM:2.9e-19)
20893	OJ000214_17.0321.C17.p3.np	cbfd_nfyb_hmf(HMM:0.021),hist one(HMM:1.1e-51)
20894	OJ000221_07.0323.C12.p6.np	cbfd_nfyb_hmf(HMM:0.028),hist one(HMM:3.7e-52)
20895	OJ000250_99.0316.C35.p2.np	cbfd_nfyb_hmf(HMM:0.021),hist one(HMM:1.1e-51)
20896	OJ000302_09.0414.C4.p2.np	cbfd_nfyb_hmf(HMM:0.17),histo ne(HMM:2.9e-19)
20897	OJ000330_14.0419.C12.p1.np	cbfd_nfyb_hmf(HMM:0.17),histo ne(HMM:2.9e-19)
20898	OJ000450_12.0410.C1.p10.np	cbfd_nfyb_hmf(HMM:0.17),histo ne(HMM:2.9e-19)
20899	OJ990316_13.9819.C11.p1.np	cbfd_nfyb_hmf(HMM:0.17),histo ne(HMM:2.9e-19)
20900	OJ990324_01.0103.C47.p2.np	cbfd_nfyb_hmf(HMM:0.021),hist one(HMM:9.2e-51)
20901	OJ990428_20.9924.C16.p2.np	cbfd_nfyb_hmf(HMM:0.17),histo ne(HMM:2.9e-19)
20902	OJ990713_11.9B12.C10.p6.np	cbfd_nfyb_hmf(HMM:0.17),histo ne(HMM:2.9e-19)
20903	OJ990721_07.0211.C6.p3.np	cbfd_nfyb_hmf(HMM:0.029),hist one(HMM:1.8e-51)
20904	OJ990816_09.9B19.C1.p2.np	cbfd_nfyb_hmf(HMM:0.048),hist one(HMM:6.6e-52)
20905	OJ990816_09.9B19.C42.p1.np	cbfd_nfyb_hmf(HMM:0.17),histo ne(HMM:2.9e-19)
20906	OJ990825_02.9A29.C17.p3.np	cbfd_nfyb_hmf(HMM:0.17),histo ne(HMM:2.9e-19)
20907	OJ990914_18.9B24.C5.p1.np	cbfd_nfyb_hmf(HMM:0.17),histo ne(HMM:2.9e-19)
20908	OJ990920_18.9C06.C38.p1.np	cbfd_nfyb_hmf(HMM:0.17),histo ne(HMM:2.9e-19)

20909	OJ990927_04.9B22.C4.p1.np	cbfd_nfyb_hmf(HMM:0.17),histone(HMM:2.9e-19)
20910	OJ991122_19.0330.C1.p2.np	cbfd_nfyb_hmf(HMM:0.021),histone(HMM:9.2e-51)
20911	OJ991122_19.0330.C1.p6.np	cbfd_nfyb_hmf(HMM:0.021),histone(HMM:9.2e-51)
20912	OJ991201_12.0421.C2.p2.np	cbfd_nfyb_hmf(HMM:0.17),histone(HMM:2.9e-19)
20913	OJ991201_12.9C29.C2.p2.np	cbfd_nfyb_hmf(HMM:0.17),histone(HMM:2.9e-19)
20914	OJ991214_08.0113.C1.p2.np	cbfd_nfyb_hmf(HMM:0.17),histone(HMM:2.9e-19)
20915	OJ991216_07.0301.C12.p1.np	cbfd_nfyb_hmf(HMM:0.17),histone(HMM:2.9e-19)
20916	OJ991225_70.0308.C26.p1.np	cbfd_nfyb_hmf(HMM:0.17),histone(HMM:2.9e-19)
20917	OJ000102_79.0301.C3.p1.np	chromo(HMM:0.094)
20918	OJ000102_79.0414.C3.p1.np	chromo(HMM:0.094)
20919	OJ000102_79.0426.C3.p1.np	chromo(HMM:0.094)
20920	OJ000111_01.0225.C1.p1.np	chromo(HMM:0.0022)
20921	OJ000111_01.0426.C1.p1.np	chromo(HMM:0.0022)
20922	OJ000111_12.0313.C1.p1.np	chromo(HMM:0.0038)
20923	OJ000111_12.0426.C1.p1.np	chromo(HMM:0.0038)
20924	OJ000113_18.0328.C8.p3.np	chromo(HMM:0.28)
20925	OJ000113_18.0328.C8.p4.np	chromo(HMM:0.28)
20926	OJ000116_39.0419.C6.p2.np	chromo(HMM:0.037)
20927	OJ000119_07.0209.C2.p2.np	chromo(HMM:0.29)
20928	OJ000119_07.0209.C2.p3.np	chromo(HMM:0.29)
20929	OJ000217_15.0419.C11.p1.np	chromo(HMM:0.28)
20930	OJ000222_09.0330.C14.p5.np	chromo(HMM:0.13)
20931	OJ000222_20.0403.C8.p2.np	chromo(HMM:0.17)
20932	OJ000250_64.0419.C15.p1.np	chromo(HMM:0.043)
20933	OJ000251_07.0216.C20.p1.np	chromo(HMM:0.018)
20934	OJ000251_07.0216.C34.p1.np	chromo(HMM:0.1)
20935	OJ000251_31.0216.C8.p5.np	chromo(HMM:0.08)
20936	OJ000251_31.0310.C12.p2.np	chromo(HMM:0.08)
20937	OJ000303_14.0419.C7.p5.np	chromo(HMM:0.067)
20938	OJ000308_20.0419.C21.p1.np	chromo(HMM:0.011)
20939	OJ000309_13.0419.C18.p1.np	chromo(HMM:0.027)
20940	OJ000320_05.0417.C9.p2.np	chromo(HMM:0.016)
20941	OJ000330_05.0419.C72.p1.np	chromo(HMM:0.038)
20942	OJ000330_06.0419.C15.p1.np	chromo(HMM:0.038)
20943	OJ000350_31.0315.C4.p2.np	chromo(HMM:0.037)
20944	OJ990212_05.9819.C33.p1.np	chromo(HMM:0.095)
20945	OJ990311_15.9819.C8.p2.np	chromo(HMM:0.0019)
20946	OJ990311_15.9819.C8.p3.np	chromo(HMM:0.0011)
20947	OJ990318_14.9922.C10.p2.np	chromo(HMM:0.0046)
20948	OJ990323_33.9A06.C8.p6.np	chromo(HMM:0.028)
20949	OJ990323_33.9A06.C8.p7.np	chromo(HMM:0.028)
20950	OJ990325_03.9A14.C36.p1.np	chromo(HMM:0.0025)
20951	OJ990407_07.9922.C27.p1.np	chromo(HMM:0.17)
20952	OJ990409_08.9923.C13.p1.np	chromo(HMM:0.0035)
20953	OJ990409_09.0204.C13.p1.np	chromo(HMM:0.0035)
20954	OJ990412_07.9923.C35.p1.np	chromo(HMM:0.035)



20955	OJ990421_08.9923.C9.p4.np	chromo(HMM:0.24)
20956	OJ990429_22.9819.C2.p7.np	chromo(HMM:0.28)
20957	OJ990429_23.9924.C16.p2.np	chromo(HMM:0.011)
20958	OJ990503_21.9B05.C12.p1.np	chromo(HMM:0.11)
20959	OJ990503_21.9B05.C3.p3.np	chromo(HMM:0.048)
20960	OJ990517_10.9C03.C18.p1.np	chromo(HMM:0.043)
20961	OJ990517_22.9B05.C15.p4.np	chromo(HMM:4e-19)
20962	OJ990605_38.9B05.C5.p3.np	chromo(HMM:0.038)
20963	OJ990605_38.9B05.C5.p4.np	chromo(HMM:0.038)
20964	OJ990620_40.9920.C5.p1.np	chromo(HMM:0.043)
20965	OJ990628_07.0419.C22.p1.np	chromo(HMM:0.017)
20966	OJ990701_14.9B19.C6.p3.np	chromo(HMM:0.067)
20967	OJ990808_54.0421.C8.p1.np	chromo(HMM:0.0061)
20968	OJ990808_54.9C20.C9.p1.np	chromo(HMM:0.0061)
20969	OJ990820_03.0303.C20.p1.np	chromo(HMM:0.027)
20970	OJ990820_06.0215.C16.p1.np	chromo(HMM:0.13)
20971	OJ990824_07.9B18.C20.p2.np	chromo(HMM:0.094)
20972	OJ990915_07.9C03.C2.p1.np	chromo(HMM:0.007)
20973	OJ990924_17.0211.C23.p1.np	chromo(HMM:0.0019)
20974	OJ991029_01.0128.C4.p1.np	chromo(HMM:0.065)
20975	OJ991106_42.0103.C5.p1.np	chromo(HMM:0.2)
20976	OJ991118_06.0131.C33.p1.np	chromo(HMM:0.021)
20977	OJ991119_03.0225.C20.p1.np	chromo(HMM:0.002)
20978	OJ991119_13.0207.C40.p2.np	chromo(HMM:0.094)
20979	OJ991120_34.0419.C19.p2.np	chromo(HMM:0.0044)
20980	OJ991211_50.0403.C22.p1.np	chromo(HMM:0.0044)
20981	OJ991215_09.0118.C3.p1.np	chromo(HMM:0.00035)
20982	OJ000207_17.0306.C16.p1.np	chromo(HMM:0.032),snf2_n(HMM:6e-05)
20983	OJ000207_17.0323.C14.p1.np	chromo(HMM:0.056),snf2_n(HMM:2.6e-118)
20984	OJ000404_02.0421.C47.p1.np	chromo(HMM:3.8e-09),snf2_n(HMM:7.2e-27)
20985	OJ000110_17.0410.C4.p1.np	chromo(HMM:0.043),zf-cchc(HMM:0.00058)
20986	OJ000110_17.0420.C3.p1.np	chromo(HMM:0.043),zf-cchc(HMM:0.00058)
20987	OJ000110_17.0426.C3.p1.np	chromo(HMM:0.043),zf-cchc(HMM:0.00058)
20988	OJ990317_04.0128.C22.p1.np	chromo(HMM:0.09),zf-cchc(HMM:0.0017)
20989	OJ990317_04.0421.C23.p1.np	chromo(HMM:0.09),zf-cchc(HMM:0.0017)
20990	OJ990909_15.9C10.C18.p2.np	chromo(HMM:0.1),zf-cchc(HMM:5.2e-06)
20991	OJ000221_07.0323.C1.p3.np	csd(HMM:3.6e-06)
20992	OJ000320_28.0419.C12.p2.np	csd(HMM:5.4e-15)
20993	OJ000324_26.0412.C2.p1.np	csd(HMM:5.4e-15)
20994	OJ000324_26.0420.C25.p2.np	csd(HMM:5.4e-15)
20995	OJ000350_68.0327.C8.p1.np	csd(HMM:1.5e-12)
20996	OJ000204_09.0306.C8.p1.np	csd(HMM:0.0011),zf-cchc(HMM:4.6e-23)
20997	OJ000350_34.0310.C21.p3.np	csd(HMM:5.3e-11),zf-cchc(HMM:7.9e-17)

20998	OJ990414_07.9B12.C32.p2.np	csd(HMM:1.6e-12),zf-cchc(HMM:7.9e-17)
20999	OJ990810_16.0310.C49.p3.np	csd(HMM:5.3e-11),zf-cchc(HMM:7.9e-17)
21000	OJ000114_11.0217.C20.p2.np	dof(HMM:1.6e-35)
21001	OJ000118_11.0307.C7.p2.np	dof(HMM:1.2e-36)
21002	OJ000121_12.0309.C41.p1.np	dof(HMM:4e-10)
21003	OJ000150_07.0124.C31.p6.np	dof(HMM:2.5e-36)
21004	OJ000150_28.0124.C56.p3.np	dof(HMM:4.6e-36)
21005	OJ000150_28.0323.C56.p3.np	dof(HMM:4.6e-36)
21006	OJ000229_23.0323.C24.p1.np	dof(HMM:4.3e-05)
21007	OJ000250_54.0309.C16.p1.np	dof(HMM:4e-10)
21008	OJ000250_57.0214.C4.p1.np	dof(HMM:3.8e-36)
21009	OJ000250_57.0310.C3.p2.np	dof(HMM:3.8e-36)
21010	OJ000250_91.0405.C27.p1.np	dof(HMM:1.7e-21)
21011	OJ000301_03.0404.C7.p1.np	dof(HMM:5.8e-35)
21012	OJ000310_11.0411.C11.p1.np	dof(HMM:1.6e-35)
21013	OJ000310_11.0420.C15.p1.np	dof(HMM:1.6e-35)
21014	OJ000314_08.0414.C2.p3.np	dof(HMM:1.9e-37)
21015	OJ000324_25.0420.C17.p1.np	dof(HMM:4.6e-35)
21016	OJ000331_17.0424.C2.p1.np	dof(HMM:3.8e-36)
21017	OJ000331_17.0426.C2.p1.np	dof(HMM:3.8e-36)
21018	OJ000331_23.0421.C27.p1.np	dof(HMM:4.6e-35)
21019	OJ990311_11.9819.C53.p1.np	dof(HMM:1.7e-21)
21020	OJ990318_18.9819.C17.p2.np	dof(HMM:3.2e-36)
21021	OJ990402_31.9C10.C13.p1.np	dof(HMM:1.1e-25)
21022	OJ990415_01.9922.C21.p1.np	dof(HMM:5.2e-34)
21023	OJ990415_07.9C03.C28.p1.np	dof(HMM:4.6e-35)
21024	OJ990416_02.9923.C2.p2.np	dof(HMM:4.9e-35)
21025	OJ990527_26.9C10.C2.p4.np	dof(HMM:8.3e-36)
21026	OJ990617_13.9B24.C11.p2.np	dof(HMM:2.5e-36)
21027	OJ990817_14.9B08.C6.p2.np	dof(HMM:4.6e-35)
21028	OJ990821_56.9C20.C15.p1.np	dof(HMM:5.8e-36)
21029	OJ991008_09.0106.C10.p8.np	dof(HMM:6.5e-31)
21030	OJ991111_16.0103.C2.p5.np	dof(HMM:3.2e-36)
21031	OJ000102_56.0407.C45.p8.np	dpb(HMM:1.4e-59)
21032	OJ000102_56.0426.C45.p8.np	dpb(HMM:1.4e-59)
21033	OJ000210_24.0316.C6.p2.np	dpb(HMM:3.5e-10)
21034	OJ000251_42.0328.C15.p1.np	dpb(HMM:1.4e-59)
21035	OJ000302_09.0414.C5.p1.np	dpb(HMM:4.2e-12)
21036	OJ000320_08.0419.C16.p1.np	dpb(HMM:4.6e-10)
21037	OJ000321_24.0419.C33.p1.np	dpb(HMM:0.00083)
21038	OJ000322_14.0424.C8.p4.np	dpb(HMM:0.00047)
21039	OJ000324_22.0424.C26.p3.np	dpb(HMM:1.1e-07)
21040	OJ000324_24.0419.C28.p2.np	dpb(HMM:1.1e-07)
21041	OJ000330_03.0419.C6.p1.np	dpb(HMM:0.00038)
21042	OJ000404_20.0424.C15.p2.np	dpb(HMM:1.9e-05)
21043	OJ990402_30.9819.C6.p3.np	dpb(HMM:0.031)
21044	OJ990412_06.9922.C11.p2.np	dpb(HMM:4.7e-10)
21045	OJ990601_07.9B12.C47.p1.np	dpb(HMM:6.5e-20)
21046	OJ990630_02.9C01.C9.p2.np	dpb(HMM:4.6e-10)
21047	OJ990708_04.9A01.C9.p2.np	dpb(HMM:0.00013)
21048	OJ000313_33.0421.C9.p1.np	enbp(HMM:7.2e-09)
21049	OJ000314_07.0411.C10.p1.np	enbp(HMM:8.6e-28)

21050	OJ000314_07.0411.C11.p1.np	enbp(HMM:1.3e-150)
21051	OJ000321_37.0419.C11.p1.np	enbp(HMM:2e-113)
21052	OJ000403_07.0421.C4.p1.np	enbp(HMM:0.0013)
21053	OJ000403_07.0421.C42.p1.np	enbp(HMM:1.8e-22)
21054	OJ000403_07.0421.C42.p2.np	enbp(HMM:9.7e-17)
21055	OJ000403_07.0421.C5.p1.np	enbp(HMM:5.3e-05)
21056	OJ000404_17.0424.C10.p1.np	enbp(HMM:4.2e-10)
21057	OJ000404_17.0424.C11.p1.np	enbp(HMM:1.6e-13)
21058	OJ990304_08.9819.C11.p2.np	enbp(HMM:3.5e-182)
21059	OJ990304_08.9819.C26.p1.np	enbp(HMM:9e-33)
21060	OJ990323_24.9B12.C9.p1.np	enbp(HMM:1.4e-181)
21061	OJ990730_11.9B08.C5.p3.np	enbp(HMM:5.5e-201)
21062	OJ990802_13.9920.C2.p2.np	enbp(HMM:6e-05)
21063	OJ990802_13.9920.C3.p1.np	enbp(HMM:1.9e-11)
21064	OJ990808_58.0103.C16.p1.np	enbp(HMM:1.8e-96)
21065	OJ000110_04.0426.C10.p2.np	gata(HMM:3.8e-11)
21066	OJ000118_20.0222.C15.p1.np	gata(HMM:2e-15)
21067	OJ000150_12.0124.C34.p1.np	gata(HMM:1.7e-12)
21068	OJ000208_10.0331.C30.p2.np	gata(HMM:4.1e-08)
21069	OJ000209_08.0309.C5.p3.np	gata(HMM:5.6e-15)
21070	OJ000214_09.0321.C2.p1.np	gata(HMM:0.01)
21071	OJ000221_24.0315.C6.p3.np	gata(HMM:0.0032)
21072	OJ000222_20.0403.C2.p1.np	gata(HMM:1.4e-06)
21073	OJ000316_27.0419.C40.p1.np	gata(HMM:7.9e-05)
21074	OJ000330_40.0424.C5.p2.np	gata(HMM:1.4e-13)
21075	OJ000350_56.0322.C4.p4.np	gata(HMM:0.017)
21076	OJ990323_29.9A15.C6.p6.np	gata(HMM:4.1e-16)
21077	OJ990407_07.9922.C18.p1.np	gata(HMM:2e-06)
21078	OJ990410_27.9922.C3.p3.np	gata(HMM:1.3e-16)
21079	OJ990503_28.9924.C3.p1.np	gata(HMM:2e-18)
21080	OJ990605_39.0420.C9.p3.np	gata(HMM:3.2e-15)
21081	OJ990605_39.9921.C29.p1.np	gata(HMM:3.2e-15)
21082	OJ990605_41.0225.C5.p4.np	gata(HMM:2.7e-17)
21083	OJ990612_46.9903.C3.p5.np	gata(HMM:3.2e-15)
21084	OJ990709_14.9B05.C7.p3.np	gata(HMM:4.1e-16)
21085	OJ990730_03.9C10.C8.p2.np	gata(HMM:3.3e-12)
21086	OJ990803_12.0103.C5.p2.np	gata(HMM:2.4e-13)
21087	OJ990810_08.0103.C11.p1.np	gata(HMM:3.8e-16)
21088	OJ990810_10.9C23.C5.p1.np	gata(HMM:0.071)
21089	OJ990822_52.0128.C16.p1.np	gata(HMM:1.6e-15)
21090	OJ990825_16.0303.C16.p1.np	gata(HMM:0.00072)
21091	OJ990903_01.9B08.C6.p1.np	gata(HMM:4.9e-11)
21092	OJ990914_05.9B19.C6.p2.np	gata(HMM:1.7e-12)
21093	OJ990915_16.9A18.C8.p1.np	gata(HMM:5.6e-05)
21094	OJ990924_06.9C01.C6.p1.np	gata(HMM:1.9e-14)
21095	OJ991102_02.0223.C19.p1.np	gata(HMM:0.01)
21096	OJ991119_10.0222.C60.p2.np	gata(HMM:0.017)
21097	OJ991120_31.0103.C10.p1.np	gata(HMM:2e-06)
21098	OJ991122_10.0419.C12.p1.np	gata(HMM:0.00091)
21099	OJ991217_07.0114.C4.p2.np	gata(HMM:2e-06)
21100	OJ991217_14.0118.C2.p1.np	gata(HMM:2.4e-15)
21101	OJ000112_10.0210.C18.p1.np	gld-tea(HMM:2.2e-33)
21102	OJ000112_10.0210.C18.p2.np	gld-tea(HMM:2.2e-33)
21103	OJ000112_10.0426.C18.p1.np	gld-tea(HMM:2.2e-33)

21104	OJ000112_10.0426.C18.p2.np	gld-tea(HMM:2.2e-33)
21105	OJ000121_09.0323.C3.p1.np	gld-tea(HMM:4.3e-29)
21106	OJ000122_31.0321.C19.p1.np	gld-tea(HMM:2.2e-36)
21107	OJ000203_01.0222.C13.p1.np	gld-tea(HMM:0.0034)
21108	OJ000208_22.0323.C4.p1.np	gld-tea(HMM:9.4e-36)
21109	OJ000208_25.0419.C36.p2.np	gld-tea(HMM:8e-39)
21110	OJ000217_01.0308.C1.p1.np	gld-tea(HMM:8.3e-31)
21111	OJ000223_02.0405.C6.p8.np	gld-tea(HMM:1.7e-27)
21112	OJ000301_18.0330.C13.p6.np	gld-tea(HMM:6.1e-19)
21113	OJ000301_18.0330.C14.p1.np	gld-tea(HMM:9.2e-33)
21114	OJ000301_24.0403.C8.p2.np	gld-tea(HMM:8.4e-37)
21115	OJ000302_27.0419.C18.p1.np	gld-tea(HMM:1.2e-22)
21116	OJ000306_08.0419.C54.p1.np	gld-tea(HMM:4.8e-31)
21117	OJ000315_24.0419.C11.p2.np	gld-tea(HMM:0.0024)
21118	OJ000324_21.0420.C15.p1.np	gld-tea(HMM:2.4e-32)
21119	OJ000324_23.0420.C82.p1.np	gld-tea(HMM:6.2e-10)
21120	OJ000327_03.0419.C6.p1.np	gld-tea(HMM:6.5e-09)
21121	OJ000331_01.0419.C14.p1.np	gld-tea(HMM:0.0019)
21122	OJ000350_33.0314.C7.p2.np	gld-tea(HMM:1.6e-21)
21123	OJ000350_52.0314.C10.p1.np	gld-tea(HMM:2.8e-28)
21124	OJ000403_28.0424.C3.p3.np	gld-tea(HMM:5.8e-32)
21125	OJ990304_01.9819.C2.p1.np	gld-tea(HMM:2.8e-28)
21126	OJ990319_11.0419.C5.p2.np	gld-tea(HMM:2.8e-28)
21127	OJ990319_11.9524.C24.p1.np	gld-tea(HMM:2.8e-28)
21128	OJ990402_21.9819.C29.p1.np	gld-tea(HMM:1.4e-36)
21129	OJ990419_11.9923.C13.p2.np	gld-tea(HMM:0.064)
21130	OJ990419_11.9923.C14.p1.np	gld-tea(HMM:0.094)
21131	OJ990527_24.9A20.C51.p1.np	gld-tea(HMM:1.3e-19)
21132	OJ990527_26.9C10.C8.p1.np	gld-tea(HMM:4.4e-30)
21133	OJ990619_52.0211.C11.p4.np	gld-tea(HMM:1.5e-32)
21134	OJ990712_05.9919.C3.p2.np	gld-tea(HMM:9.2e-33)
21135	OJ990712_05.9919.C4.p2.np	gld-tea(HMM:1.6e-18)
21136	OJ990714_13.9B05.C13.p5.np	gld-tea(HMM:1.6e-23)
21137	OJ990716_01.9A11.C2.p3.np	gld-tea(HMM:2.2e-22)
21138	OJ990720_10.9C17.C21.p1.np	gld-tea(HMM:3.1e-39)
21139	OJ990728_08.0114.C13.p3.np	gld-tea(HMM:2.8e-28)
21140	OJ990729_07.0110.C19.p1.np	gld-tea(HMM:1.6e-23)
21141	OJ990821_56.9C20.C17.p1.np	gld-tea(HMM:4.7e-33)
21142	OJ990824_13.9B12.C4.p1.np	gld-tea(HMM:1e-20)
21143	OJ990830_10.9C13.C13.p1.np	gld-tea(HMM:1.3e-32)
21144	OJ990916_14.0103.C9.p1.np	gld-tea(HMM:5.8e-32)
21145	OJ990916_15.9B22.C51.p1.np	gld-tea(HMM:0.015)
21146	OJ990917_09.9A29.C20.p1.np	gld-tea(HMM:6.7e-05)
21147	OJ990917_09.9A29.C21.p1.np	gld-tea(HMM:0.055)
21148	OJ991107_35.0421.C13.p2.np	gld-tea(HMM:7e-32)
21149	OJ991107_35.9C20.C12.p2.np	gld-tea(HMM:7e-32)
21150	OJ991107_37.0113.C63.p2.np	gld-tea(HMM:4.8e-31)
21151	OJ991107_37.0421.C63.p2.np	gld-tea(HMM:4.8e-31)
21152	OJ991113_35.0112.C2.p4.np	gld-tea(HMM:4.6e-29)
21153	OJ991122_09.0330.C3.p1.np	gld-tea(HMM:6.1e-32)
21154	OJ991122_10.0419.C40.p1.np	gld-tea(HMM:4.2e-36)
21155	OJ991217_10.0218.C4.p6.np	gld-tea(HMM:3.1e-39)
21156	OJ991226_49.0317.C6.p1.np	gld-tea(HMM:1.2e-30)
21157	OJ000214_08.0419.C4.p1.np	gld-tea(HMM:0.1),myb dna-

21158	OJ000323_38.0418.C14.p5.np	binding(HMM:7.4e-13) gld-tea(HMM:0.1),myb_dna-binding(HMM:7.4e-13)
21159	OJ990520_01.9B12.C33.p1.np	gld-tea(HMM:0.1),myb_dna-binding(HMM:7.4e-13)
21160	OJ990730_08.9C10.C3.p4.np	gld-tea(HMM:0.1),myb_dna-binding(HMM:7.4e-13)
21161	OJ990820_14.0223.C19.p1.np	gld-tea(HMM:0.0066),myb_dna-binding(HMM:1.3e-13)
21162	OJ000216_09.0330.C8.p4.np	gld-tea(HMM:1e-42),response_reg(HMM:1.9e-33)
21163	OJ000251_22.0403.C12.p4.np	gld-tea(HMM:1e-42),response_reg(HMM:1.9e-33)
21164	OJ000404_02.0421.C26.p1.np	gld-tea(HMM:1.3e-30),response_reg(HMM:7.9e-29)
21165	OJ990501_20.9819.C2.p1.np	gld-tea(HMM:1e-42),response_reg(HMM:7.8e-34)
21166	OJ990701_01.9919.C5.p1.np	gld-tea(HMM:1.5e-43),response_reg(HMM:7.2e-30)
21167	OJ000321_24.0419.C22.p1.np	hhh(HMM:2.6e-08)
21168	OJ000105_01.0127.C7.p2.np	hist_deacetyl(HMM:2.8e-11)
21169	OJ000105_01.0426.C7.p2.np	hist_deacetyl(HMM:2.8e-11)
21170	OJ000122_66.0419.C16.p1.np	hist_deacetyl(HMM:0.00052)
21171	OJ000122_66.0419.C4.p1.np	hist_deacetyl(HMM:6.4e-17)
21172	OJ000150_15.0124.C21.p1.np	hist_deacetyl(HMM:3.3e-14)
21173	OJ000210_14.0404.C28.p2.np	hist_deacetyl(HMM:1.4e-146)
21174	OJ000250_51.0211.C7.p7.np	hist_deacetyl(HMM:1.2e-164)
21175	OJ000307_27.0419.C16.p2.np	hist_deacetyl(HMM:1.9e-120)
21176	OJ000314_36.0419.C12.p3.np	hist_deacetyl(HMM:3.4e-39)
21177	OJ000350_38.0313.C18.p1.np	hist_deacetyl(HMM:4.1e-82)
21178	OJ000403_18.0419.C17.p3.np	hist_deacetyl(HMM:1.9e-120)
21179	OJ990316_16.9819.C16.p1.np	hist_deacetyl(HMM:0.094)
21180	OJ990427_24.9922.C4.p2.np	hist_deacetyl(HMM:3.6e-168)
21181	OJ990427_24.9922.C5.p1.np	hist_deacetyl(HMM:3.9e-177)
21182	OJ990427_27.9922.C4.p6.np	hist_deacetyl(HMM:1.6e-78)
21183	OJ990504_03.0419.C129.p2.np	hist_deacetyl(HMM:4.7e-11)
21184	OJ990520_23.0103.C9.p1.np	hist_deacetyl(HMM:2.9e-183)
21185	OJ991027_09.0207.C11.p1.np	hist_deacetyl(HMM:2.1e-12)
21186	OJ991106_37.0419.C17.p1.np	hist_deacetyl(HMM:2e-06)
21187	OJ000114_27.0419.C27.p1.np	histone(HMM:7.6e-46)
21188	OJ000118_20.0222.C10.p1.np	histone(HMM:1.7e-05)
21189	OJ000208_20.0301.C14.p1.np	histone(HMM:0.0033)
21190	OJ000209_23.0320.C2.p2.np	histone(HMM:4.2e-09)
21191	OJ000214_10.0404.C1.p1.np	histone(HMM:3e-45)
21192	OJ000214_13.0320.C12.p2.np	histone(HMM:3e-45)
21193	OJ000214_13.0320.C15.p1.np	histone(HMM:2.9e-45)
21194	OJ000221_01.0313.C19.p2.np	histone(HMM:1.6e-44)
21195	OJ000223_11.0405.C25.p1.np	histone(HMM:0.018)
21196	OJ000251_33.0331.C27.p1.np	histone(HMM:1.5e-42)
21197	OJ000251_33.0331.C30.p2.np	histone(HMM:2.9e-45)
21198	OJ000301_03.0404.C12.p2.np	histone(HMM:1.4e-47)
21199	OJ000310_11.0411.C19.p1.np	histone(HMM:5.5e-49)
21200	OJ000310_11.0420.C7.p2.np	histone(HMM:5.5e-49)
21201	OJ000310_23.0419.C46.p1.np	histone(HMM:9e-47)

21202	OJ000310_29.0412.C34.p1.np	histone(HMM:1.5e-46)
21203	OJ000310_29.0412.C36.p1.np	histone(HMM:4.7e-11)
21204	OJ000310_29.0412.C58.p2.np	histone(HMM:2e-45)
21205	OJ000310_29.0420.C19.p1.np	histone(HMM:1.5e-46)
21206	OJ000310_29.0420.C52.p2.np	histone(HMM:2e-45)
21207	OJ000320_11.0419.C32.p1.np	histone(HMM:7.9e-23)
21208	OJ000330_11.0419.C49.p2.np	histone(HMM:1.4e-46)
21209	OJ000403_16.0419.C12.p1.np	histone(HMM:1.4e-12)
21210	OJ000403_16.0419.C7.p1.np	histone(HMM:1.4e-47)
21211	OJ000404_22.0424.C15.p3.np	histone(HMM:1.5e-45)
21212	OJ990105_06.9819.C16.p1.np	histone(HMM:8.3e-13)
21213	OJ990304_01.9819.C8.p2.np	histone(HMM:2.5e-24)
21214	OJ990409_11.9922.C8.p1.np	histone(HMM:1.4e-10)
21215	OJ990409_11.9922.C9.p1.np	histone(HMM:1.7e-10)
21216	OJ990409_11.9922.C9.p3.np	histone(HMM:2e-39)
21217	OJ990428_07.9C10.C2.p2.np	histone(HMM:1.3e-46)
21218	OJ990428_07.9C10.C24.p1.np	histone(HMM:3.6e-36)
21219	OJ990428_07.9C10.C52.p2.np	histone(HMM:2e-45)
21220	OJ990429_12.9819.C28.p1.np	histone(HMM:1.9e-12)
21221	OJ990602_12.0421.C22.p1.np	histone(HMM:0.78)
21222	OJ990602_12.9C22.C25.p1.np	histone(HMM:7.6)
21223	OJ990602_12.9C22.C26.p1.np	histone(HMM:0.78)
21224	OJ990621_11.0419.C23.p1.np	histone(HMM:1.4e-47)
21225	OJ990701_02.9922.C3.p3.np	histone(HMM:1.4e-47)
21226	OJ990701_02.9922.C3.p7.np	histone(HMM:6.9e-45)
21227	OJ990701_02.9922.C4.p4.np	histone(HMM:1.4e-47)
21228	OJ990701_02.9922.C4.p5.np	histone(HMM:1.4e-47)
21229	OJ990713_03.9A01.C6.p4.np	histone(HMM:1.4e-47)
21230	OJ990721_07.0211.C6.p2.np	histone(HMM:2e-39)
21231	OJ990726_04.9C03.C3.p6.np	histone(HMM:1.5e-45)
21232	OJ990907_15.9C03.C5.p1.np	histone(HMM:6e-45)
21233	OJ990923_08.9B08.C5.p1.np	histone(HMM:1.5e-46)
21234	OJ990923_08.9B08.C7.p2.np	histone(HMM:1.8e-47)
21235	OJ990923_08.9B08.C9.p2.np	histone(HMM:4.8e-46)
21236	OJ991019_09.0211.C9.p2.np	histone(HMM:2.8e-36)
21237	OJ991019_09.0211.C9.p5.np	histone(HMM:1e-39)
21238	OJ991110_03.0120.C6.p1.np	histone(HMM:1.2e-45)
21239	OJ991111_08.0307.C11.p2.np	histone(HMM:2.5e-24)
21240	OJ991201_10.0421.C14.p3.np	histone(HMM:9.3e-05)
21241	OJ991201_10.9C29.C15.p1.np	histone(HMM:9.3e-05)
21242	OJ991201_12.0421.C3.p1.np	histone(HMM:1.6e-08)
21243	OJ991201_12.9C29.C3.p1.np	histone(HMM:1.6e-08)
21244	OJ991210_12.0112.C8.p1.np	histone(HMM:4.8e-46)
21245	OJ991210_12.0112.C9.p1.np	histone(HMM:2e-45)
21246	OJ991214_04.0114.C8.p2.np	histone(HMM:0.0025)
21247	OJ991215_12.0128.C1.p1.np	histone(HMM:4.8e-46)
21248	OJ991215_12.0128.C5.p1.np	histone(HMM:2e-45)
21249	OJ991220_02.0127.C10.p5.np	histone(HMM:1.4e-47)
21250	OJ991220_02.0127.C10.p9.np	histone(HMM:2.6e-46)
21251	OJ000103_04.0303.C9.p3.np	hlh(HMM:0.0012)
21252	OJ000103_04.0426.C9.p3.np	hlh(HMM:0.0012)
21253	OJ000110_10.0217.C2.p2.np	hlh(HMM:2.4e-10)
21254	OJ000110_10.0426.C2.p2.np	hlh(HMM:2.4e-10)
21255	OJ000110_18.0301.C7.p4.np	hlh(HMM:3.8e-06)

21256	OJ000110_18.0426.C7.p4.np	hlh(HMM:3.8e-06)
21257	OJ000111_20.0215.C18.p1.np	hlh(HMM:4.8e-11)
21258	OJ000111_20.0215.C18.p3.np	hlh(HMM:4.8e-11)
21259	OJ000111_20.0426.C18.p4.np	hlh(HMM:4.8e-11)
21260	OJ000112_14.0224.C15.p4.np	hlh(HMM:2.2e-08)
21261	OJ000112_14.0426.C15.p4.np	hlh(HMM:2.2e-08)
21262	OJ000113_04.0302.C12.p1.np	hlh(HMM:6.9e-08)
21263	OJ000113_04.0426.C12.p1.np	hlh(HMM:6.9e-08)
21264	OJ000116_39.0419.C30.p1.np	hlh(HMM:5.2e-16)
21265	OJ000118_22.0309.C22.p1.np	hlh(HMM:0.00046)
21266	OJ000118_22.0309.C8.p2.np	hlh(HMM:1.9e-10)
21267	OJ000120_01.0417.C3.p1.np	hlh(HMM:2e-08)
21268	OJ000121_08.0306.C2.p1.np	hlh(HMM:1.4e-11)
21269	OJ000150_00.0124.C54.p1.np	hlh(HMM:2.4e-08)
21270	OJ000150_26.0317.C3.p2.np	hlh(HMM:7.3e-08)
21271	OJ000204_09.0306.C6.p1.np	hlh(HMM:0.0035)
21272	OJ000207_08.0302.C12.p1.np	hlh(HMM:1.1e-06)
21273	OJ000209_18.0313.C4.p1.np	hlh(HMM:1.9e-18)
21274	OJ000210_11.0302.C3.p1.np	hlh(HMM:1.2e-11)
21275	OJ000211_12.0419.C23.p1.np	hlh(HMM:1.5e-16)
21276	OJ000211_12.0419.C6.p3.np	hlh(HMM:3e-14)
21277	OJ000214_02.0321.C14.p1.np	hlh(HMM:1.4e-11)
21278	OJ000216_09.0330.C6.p1.np	hlh(HMM:6.5e-13)
21279	OJ000217_04.0419.C9.p1.np	hlh(HMM:1.9e-10)
21280	OJ000222_07.0328.C5.p1.np	hlh(HMM:5.9e-08)
21281	OJ000222_19.0322.C16.p1.np	hlh(HMM:4.3e-12)
21282	OJ000223_21.0327.C5.p1.np	hlh(HMM:0.1)
21283	OJ000223_22.0320.C11.p4.np	hlh(HMM:5.2e-16)
21284	OJ000250_03.0208.C8.p2.np	hlh(HMM:3.2e-14)
21285	OJ000250_03.0420.C8.p2.np	hlh(HMM:3.2e-14)
21286	OJ000250_09.0209.C23.p6.np	hlh(HMM:1.1e-07)
21287	OJ000251_22.0403.C9.p2.np	hlh(HMM:6.5e-13)
21288	OJ000302_01.0405.C26.p1.np	hlh(HMM:8.2e-10)
21289	OJ000303_10.0405.C17.p4.np	hlh(HMM:1.3e-09)
21290	OJ000303_28.0419.C14.p1.np	hlh(HMM:1.1e-15)
21291	OJ000306_10.0419.C15.p3.np	hlh(HMM:1.3e-09)
21292	OJ000306_20.0417.C8.p1.np	hlh(HMM:1.3e-09)
21293	OJ000308_05.0406.C9.p1.np	hlh(HMM:8.2e-10)
21294	OJ000310_03.0419.C11.p1.np	hlh(HMM:1e-08)
21295	OJ000310_06.0417.C7.p2.np	hlh(HMM:1.2e-11)
21296	OJ000310_26.0406.C5.p3.np	hlh(HMM:1.2e-11)
21297	OJ000313_19.0419.C63.p2.np	hlh(HMM:4.7e-11)
21298	OJ000314_27.0419.C27.p2.np	hlh(HMM:0.0022)
21299	OJ000314_30.0419.C3.p1.np	hlh(HMM:1.2e-12)
21300	OJ000314_31.0419.C3.p1.np	hlh(HMM:0.0059)
21301	OJ000314_35.0419.C3.p1.np	hlh(HMM:3e-09)
21302	OJ000315_34.0407.C13.p1.np	hlh(HMM:7.9e-10)
21303	OJ000315_34.0420.C7.p1.np	hlh(HMM:7.9e-10)
21304	OJ000315_39.0424.C17.p2.np	hlh(HMM:1.7e-07)
21305	OJ000316_01.0413.C4.p1.np	hlh(HMM:9.7e-17)
21306	OJ000316_01.0413.C4.p3.np	hlh(HMM:9.7e-17)
21307	OJ000321_12.0419.C18.p1.np	hlh(HMM:1.3e-13)
21308	OJ000321_17.0419.C24.p1.np	hlh(HMM:0.1)
21309	OJ000322_05.0419.C4.p2.np	hlh(HMM:9.7e-10)

21310	OJ000322_06.0424.C21.p1.np	hlh(HMM:1.6e-07)
21311	OJ000322_13.0420.C65.p1.np	hlh(HMM:3e-12)
21312	OJ000323_40.0424.C28.p1.np	hlh(HMM:2.1e-11)
21313	OJ000329_12.0419.C30.p1.np	hlh(HMM:3.6e-12)
21314	OJ000330_29.0419.C51.p1.np	hlh(HMM:6.7e-15)
21315	OJ000330_39.0420.C8.p1.np	hlh(HMM:1.5e-12)
21316	OJ000331_27.0424.C18.p1.np	hlh(HMM:1.4e-08)
21317	OJ000350_06.0403.C19.p1.np	hlh(HMM:5.2e-16)
21318	OJ000350_30.0314.C10.p3.np	hlh(HMM:1.4e-11)
21319	OJ000350_69.0406.C37.p1.np	hlh(HMM:2.4e-12)
21320	OJ000403_05.0419.C7.p1.np	hlh(HMM:3.7e-07)
21321	OJ000404_02.0421.C15.p1.np	hlh(HMM:7.3e-07)
21322	OJ000404_33.0424.C24.p1.np	hlh(HMM:5.2e-16)
21323	OJ000450_01.0419.C28.p3.np	hlh(HMM:5.3e-09)
21324	OJ000450_05.0419.C14.p1.np	hlh(HMM:1.6e-06)
21325	OJ990222_08.0420.C56.p1.np	hlh(HMM:4.1e-12)
21326	OJ990222_08.9819.C16.p1.np	hlh(HMM:4.1e-12)
21327	OJ990301_09.9819.C4.p3.np	hlh(HMM:9.7e-08)
21328	OJ990311_14.9819.C2.p2.np	hlh(HMM:1.1e-08)
21329	OJ990311_16.9819.C17.p4.np	hlh(HMM:4.1e-11)
21330	OJ990311_16.9819.C17.p6.np	hlh(HMM:9.9e-10)
21331	OJ990312_01.9A01.C13.p1.np	hlh(HMM:1.5e-16)
21332	OJ990312_01.9A01.C23.p1.np	hlh(HMM:2e-15)
21333	OJ990316_17.9819.C4.p1.np	hlh(HMM:1.2e-10)
21334	OJ990317_04.0128.C39.p1.np	hlh(HMM:2.1e-07)
21335	OJ990317_09.0421.C23.p10.np	hlh(HMM:1.2e-07)
21336	OJ990317_09.9C20.C23.p10.np	hlh(HMM:1.2e-07)
21337	OJ990323_07.9A06.C33.p1.np	hlh(HMM:1.1e-09)
21338	OJ990326_04.9C10.C24.p4.np	hlh(HMM:0.011)
21339	OJ990330_17.9819.C20.p1.np	hlh(HMM:3.4e-09)
21340	OJ990407_03.0420.C20.p1.np	hlh(HMM:2e-08)
21341	OJ990407_11.9922.C18.p2.np	hlh(HMM:3.3e-08)
21342	OJ990409_09.0204.C31.p1.np	hlh(HMM:0.0028)
21343	OJ990414_08.9922.C13.p3.np	hlh(HMM:0.011)
21344	OJ990428_09.9B05.C24.p2.np	hlh(HMM:2.1e-11)
21345	OJ990430_06.9C03.C54.p1.np	hlh(HMM:8.2e-10)
21346	OJ990501_20.9819.C5.p2.np	hlh(HMM:3.3e-07)
21347	OJ990501_24.9C03.C3.p1.np	hlh(HMM:1e-10)
21348	OJ990502_31.9A15.C12.p1.np	hlh(HMM:8e-12)
21349	OJ990503_05.9B12.C35.p1.np	hlh(HMM:0.005)
21350	OJ990528_06.9C03.C30.p1.np	hlh(HMM:1.4e-11)
21351	OJ990605_40.9919.C6.p3.np	hlh(HMM:0.011)
21352	OJ990617_01.9924.C20.p1.np	hlh(HMM:0.011)
21353	OJ990619_50.0211.C30.p1.np	hlh(HMM:0.052)
21354	OJ990626_47.9922.C19.p1.np	hlh(HMM:0.00023)
21355	OJ990708_07.0204.C3.p2.np	hlh(HMM:0.011)
21356	OJ990722_05.9A06.C10.p1.np	hlh(HMM:3.7e-13)
21357	OJ990804_01.9C17.C37.p1.np	hlh(HMM:3.6e-11)
21358	OJ990804_01.9C17.C37.p2.np	hlh(HMM:1.2e-12)
21359	OJ990818_04.9A01.C4.p1.np	hlh(HMM:4.8e-11)
21360	OJ990821_59.9C23.C13.p1.np	hlh(HMM:5.8e-16)
21361	OJ990826_02.9B04.C10.p1.np	hlh(HMM:7.5e-12)
21362	OJ990907_10.0128.C14.p2.np	hlh(HMM:5.2e-16)
21363	OJ990908_01.0218.C3.p3.np	hlh(HMM:3.7e-07)



21364	OJ991007_18.0120.C6.p1.np	hlh(HMM:1.3e-13)
21365	OJ991011_02.9C30.C7.p2.np	hlh(HMM:6.9e-05)
21366	OJ991013_07.0223.C22.p1.np	hlh(HMM:7.3e-16)
21367	OJ991013_07.0317.C13.p1.np	hlh(HMM:7.3e-16)
21368	OJ991020_06.0215.C16.p2.np	hlh(HMM:1.8e-12)
21369	OJ991020_06.0303.C13.p2.np	hlh(HMM:1.8e-12)
21370	OJ991022_15.0207.C2.p2.np	hlh(HMM:0.011)
21371	OJ991107_44.0421.C5.p1.np	hlh(HMM:1.2e-16)
21372	OJ991107_44.9C27.C5.p1.np	hlh(HMM:1.2e-16)
21373	OJ991112_08.0421.C7.p3.np	hlh(HMM:9.7e-08)
21374	OJ991112_08.9C22.C7.p3.np	hlh(HMM:9.7e-08)
21375	OJ991112_13.0110.C6.p3.np	hlh(HMM:4.8e-09)
21376	OJ991113_35.0112.C1.p1.np	hlh(HMM:0.07)
21377	OJ991117_06.0419.C10.p1.np	hlh(HMM:1.4e-09)
21378	OJ991117_15.0331.C12.p3.np	hlh(HMM:0.0022)
21379	OJ991121_30.0419.C21.p1.np	hlh(HMM:0.00011)
21380	OJ991122_05.0210.C14.p1.np	hlh(HMM:0.0021)
21381	OJ991122_05.0303.C7.p1.np	hlh(HMM:0.0021)
21382	OJ991122_05.0421.C7.p1.np	hlh(HMM:0.0021)
21383	OJ991201_08.9C23.C2.p2.np	hlh(HMM:1.4e-07)
21384	OJ991202_07.0421.C6.p4.np	hlh(HMM:2e-15)
21385	OJ991202_07.9C30.C7.p1.np	hlh(HMM:2e-15)
21386	OJ991206_16.0112.C15.p1.np	hlh(HMM:4.1e-07)
21387	OJ991208_04.0128.C20.p1.np	hlh(HMM:1.1e-09)
21388	OJ991209_10.0119.C6.p1.np	hlh(HMM:0.0098)
21389	OJ991210_01.0110.C3.p3.np	hlh(HMM:1.1e-09)
21390	OJ991214_10.0222.C3.p1.np	hlh(HMM:1.1e-06)
21391	OJ991217_13.0118.C13.p1.np	hlh(HMM:1e-07)
21392	OJ991225_72.0322.C6.p1.np	hlh(HMM:6.9e-05)
21393	OJ991226_45.0419.C5.p2.np	hlh(HMM:2e-08)
21394	OJ990317_09.0421.C23.p1.np	hlh(HMM:6.8e-10),set(HMM:4.3e-57)
21395	OJ990317_09.9C20.C23.p1.np	hlh(HMM:6.8e-10),set(HMM:4.3e-57)
21396	OJ990808_40.0419.C3.p1.np	hlh_e2f(5.2e-05)
21397	OJ990818_07.9920.C6.p3.np	hlh_e2f(1.8e-20)
21398	OJ990823_03.9B19.C7.p1.np	hlh_e2f(1.8e-20)
21399	OJ990907_02.9B19.C4.p1.np	hlh_e2f(3.3e-18)
21400	OJ990907_02.9B19.C5.p1.np	hlh_e2f(3.0e-17)
21401	OJ991214_12.0114.C3.p1.np	hlh_e2f(1.8e-20)
21402	OJ000207_07.0224.C7.p6.np	hmg_box(HMM:3.5e-22)
21403	OJ000250_31.0217.C44.p2.np	hmg_box(HMM:0.88)
21404	OJ000302_07.0407.C9.p2.np	hmg_box(HMM:5.9e-19)
21405	OJ000307_28.0417.C11.p4.np	hmg_box(HMM:6.9e-05)
21406	OJ000316_21.0424.C41.p1.np	hmg_box(HMM:0.0076)
21407	OJ000316_26.0419.C70.p1.np	hmg_box(HMM:5.4e-27)
21408	OJ000316_28.0418.C67.p1.np	hmg_box(HMM:5.4e-27)
21409	OJ000330_14.0419.C29.p1.np	hmg_box(HMM:0.0051)
21410	OJ000113_04.0302.C7.p2.np	homeobox(HMM:5e-12)
21411	OJ000113_04.0426.C7.p2.np	homeobox(HMM:4.3e-14)
21412	OJ000113_08.0215.C5.p1.np	homeobox(HMM:0.0098)
21413	OJ000113_08.0426.C5.p1.np	homeobox(HMM:0.0098)
21414	OJ000113_18.0328.C7.p4.np	homeobox(HMM:1.1e-08)
21415	OJ000114_24.0315.C2.p8.np	homeobox(HMM:0.0098)

21416	OJ000150_28.0124.C57.p1.np	homeobox(HMM:3e-19)
21417	OJ000150_28.0323.C57.p1.np	homeobox(HMM:3e-19)
21418	OJ000150_30.0124.C55.p3.np	homeobox(HMM:2.1e-14)
21419	OJ000150_30.0323.C55.p3.np	homeobox(HMM:2.1e-14)
21420	OJ000208_05.0322.C25.p1.np	homeobox(HMM:3.5)
21421	OJ000210_26.0317.C14.p1.np	homeobox(HMM:4.2e-15)
21422	OJ000211_10.0403.C3.p5.np	homeobox(HMM:4.5e-07)
21423	OJ000214_08.0419.C32.p1.np	homeobox(HMM:1.5e-17)
21424	OJ000217_15.0419.C13.p2.np	homeobox(HMM:1.1e-08)
21425	OJ000223_03.0330.C7.p1.np	homeobox(HMM:1.5e-15)
21426	OJ000223_19.0403.C4.p1.np	homeobox(HMM:0.069)
21427	OJ000250_01.0308.C13.p1.np	homeobox(HMM:4.9e-20)
21428	OJ000250_01.0414.C13.p1.np	homeobox(HMM:4.9e-20)
21429	OJ000250_28.0208.C13.p1.np	homeobox(HMM:4.9e-20)
21430	OJ000250_46.0211.C15.p1.np	homeobox(HMM:1.3e-18)
21431	OJ000250_46.0303.C13.p1.np	homeobox(HMM:1.3e-18)
21432	OJ000250_67.0303.C7.p1.np	homeobox(HMM:0.0065)
21433	OJ000251_47.0320.C3.p1.np	homeobox(HMM:0.044)
21434	OJ000302_27.0419.C2.p1.np	homeobox(HMM:0.0084)
21435	OJ000307_28.0417.C6.p1.np	homeobox(HMM:0.045)
21436	OJ000310_04.0419.C5.p1.np	homeobox(HMM:1.5e-15)
21437	OJ000310_08.0419.C22.p1.np	homeobox(HMM:1.1e-20)
21438	OJ000310_08.0419.C38.p1.np	homeobox(HMM:5.6e-20)
21439	OJ000313_40.0419.C25.p1.np	homeobox(HMM:5.9e-19)
21440	OJ000314_03.0412.C12.p6.np	homeobox(HMM:6.2e-21)
21441	OJ000314_08.0414.C5.p1.np	homeobox(HMM:9.5e-19)
21442	OJ000315_19.0413.C2.p1.np	homeobox(HMM:1.6e-17)
21443	OJ000315_19.0420.C2.p1.np	homeobox(HMM:0.036)
21444	OJ000315_19.0420.C6.p1.np	homeobox(HMM:2.3e-16)
21445	OJ000321_19.0419.C20.p1.np	homeobox(HMM:3e-19)
21446	OJ000321_25.0419.C32.p1.np	homeobox(HMM:0.0073)
21447	OJ000321_31.0411.C6.p2.np	homeobox(HMM:0.044)
21448	OJ000321_40.0419.C14.p1.np	homeobox(HMM:4.9e-20)
21449	OJ000323_38.0418.C18.p1.np	homeobox(HMM:3.1e-13)
21450	OJ000330_27.0421.C5.p1.np	homeobox(HMM:0.069)
21451	OJ990203_05.9819.C19.p5.np	homeobox(HMM:3.8e-19)
21452	OJ990315_09.0128.C13.p1.np	homeobox(HMM:5.6e-20)
21453	OJ990315_09.0128.C20.p1.np	homeobox(HMM:1.5e-17)
21454	OJ990315_09.0421.C13.p1.np	homeobox(HMM:5.6e-20)
21455	OJ990315_09.0421.C19.p1.np	homeobox(HMM:1.5e-17)
21456	OJ990331_01.9922.C10.p4.np	homeobox(HMM:7.7e-19)
21457	OJ990408_08.9B12.C19.p1.np	homeobox(HMM:4.6e-18)
21458	OJ990427_03.9927.C15.p2.np	homeobox(HMM:7.4e-16)
21459	OJ990520_01.9B12.C29.p1.np	homeobox(HMM:3.1e-14)
21460	OJ990526_09.9924.C10.p2.np	homeobox(HMM:0.0067)
21461	OJ990526_09.9924.C10.p3.np	homeobox(HMM:5.5e-12)
21462	OJ990526_09.9924.C10.p4.np	homeobox(HMM:0.0067)
21463	OJ990527_26.9C10.C2.p5.np	homeobox(HMM:0.052)
21464	OJ990530_35.0103.C54.p1.np	homeobox(HMM:7e-20)
21465	OJ990530_35.0421.C53.p1.np	homeobox(HMM:7e-20)
21466	OJ990602_12.0421.C6.p1.np	homeobox(HMM:3.9e-09)
21467	OJ990602_12.9C22.C8.p1.np	homeobox(HMM:3.9e-09)
21468	OJ990602_12.9C22.C8.p2.np	homeobox(HMM:8.4e-17)
21469	OJ990616_05.9A27.C23.p1.np	homeobox(HMM:1.8e-18)

21470	OJ990622_10.0128.C10.p1.np	homeobox(HMM:2.4e-06)
21471	OJ990630_11.9B15.C6.p2.np	homeobox(HMM:4e-20)
21472	OJ990730_06.0310.C30.p2.np	homeobox(HMM:7e-20)
21473	OJ990730_06.9921.C21.p1.np	homeobox(HMM:4.1e-19)
21474	OJ990730_08.9C10.C3.p6.np	homeobox(HMM:3.1e-14)
21475	OJ990805_01.9B19.C9.p1.np	homeobox(HMM:1.5e-15)
21476	OJ990810_06.9922.C3.p4.np	homeobox(HMM:7e-20)
21477	OJ990825_16.0303.C9.p1.np	homeobox(HMM:6.1)
21478	OJ990830_05.9C06.C14.p1.np	homeobox(HMM:0.0073)
21479	OJ990921_14.0308.C6.p1.np	homeobox(HMM:4.9e-20)
21480	OJ990923_14.0228.C79.p2.np	homeobox(HMM:5.5e-19)
21481	OJ990924_11.0103.C1.p1.np	homeobox(HMM:2.1e-14)
21482	OJ991022_14.0119.C3.p2.np	homeobox(HMM:0.04)
21483	OJ991028_10.0118.C10.p1.np	homeobox(HMM:7e-20)
21484	OJ991102_06.0120.C7.p3.np	homeobox(HMM:1.2e-20)
21485	OJ991106_43.0105.C2.p2.np	homeobox(HMM:1.1e-20)
21486	OJ991202_05.0421.C3.p3.np	homeobox(HMM:5.7e-19)
21487	OJ991202_05.9C30.C3.p3.np	homeobox(HMM:5.7e-19)
21488	OJ991202_19.0114.C7.p2.np	homeobox(HMM:1.1e-05)
21489	OJ991202_19.0421.C6.p1.np	homeobox(HMM:3.2e-13)
21490	OJ991208_02.0106.C5.p9.np	homeobox(HMM:0.0098)
21491	OJ991209_05.0118.C8.p3.np	homeobox(HMM:2.2e-20)
21492	OJ991216_02.0218.C8.p1.np	homeobox(HMM:0.008)
21493	OJ991226_32.0308.C23.p1.np	homeobox(HMM:4.9e-20)
21494	OJ000111_01.0225.C3.p4.np	homeobox(HMM:0.0081),homeo box_knox3(1.4e-08)
21495	OJ000111_01.0426.C3.p3.np	homeobox(HMM:0.0081),homeo box_knox3(1.4e-08)
21496	OJ000113_20.0203.C12.p1.np	homeobox(HMM:0.0029),homeo box_knox3(4.0e-19)
21497	OJ000118_13.0419.C24.p1.np	homeobox(HMM:0.003),homeob ox_knox3(2.5e-08)
21498	OJ000150_02.0124.C45.p1.np	homeobox(HMM:0.0023),homeo box_knox3(1.0e-19)
21499	OJ000217_01.0308.C6.p4.np	homeobox(HMM:0.0033),homeo box_knox3(6.5e-19)
21500	OJ000221_03.0403.C14.p2.np	homeobox(HMM:0.0038),homeo box_knox3(5.8e-19)
21501	OJ000301_28.0330.C5.p2.np	homeobox(HMM:0.0081),homeo box_knox3(1.4e-08)
21502	OJ000323_37.0418.C8.p1.np	homeobox(HMM:0.00047),home obox_knox3(2.6e-09)
21503	OJ990122_01.9819.C3.p1.np	homeobox(HMM:0.00047),home obox_knox3(2.5e-09)
21504	OJ990430_20.9A20.C1.p1.np	homeobox(HMM:0.0038),homeo box_knox3(2.6e-19)
21505	OJ990430_20.9A20.C7.p2.np	homeobox(HMM:0.0041),homeo box_knox3(7.0e-07)
21506	OJ990502_22.9A14.C9.p1.np	homeobox(HMM:0.0047),homeo box_knox3(2.3e-08)
21507	OJ990505_06.9A11.C19.p1.np	homeobox(HMM:0.0023),homeo box_knox3(1.0e-19)
21508	OJ990729_04.0317.C4.p1.np	homeobox(HMM:0.00047),home obox_knox3(2.5e-09)

21509	OJ990823_02.9B15.C15.p2.np	homeobox(HMM:0.0081),homeobox_knox3(1.4e-08)
21510	OJ990826_02.9B04.C17.p4.np	homeobox(HMM:0.0038),homeobox_knox3(5.8e-19)
21511	OJ991117_11.9C22.C2.p1.np	homeobox(HMM:0.0074),homeobox_knox3(3.0e-08)
21512	OJ991217_13.0118.C11.p1.np	homeobox(HMM:0.00017),homeobox_knox3(6.5e-10)
21513	OJ991217_14.0118.C20.p1.np	homeobox(HMM:3.9),homeobox_knox3(0.0004)
21514	OJ991225_73.0317.C13.p2.np	homeobox(HMM:0.003),homeobox_knox3(4.1e-08)
21515	OJ990730_04.9920.C7.p1.np	homeobox(HMM:1.2e-18),homeobox_mat(0.0008)
21516	OJ991116_09.0222.C12.p1.np	homeobox(HMM:1.2e-18),homeobox_mat(0.0008)
21517	OJ991116_09.0414.C13.p1.np	homeobox(HMM:1.2e-18),homeobox_mat(0.0008)
21518	OJ000223_11.0405.C13.p1.np	homeobox_knox3(3.4e-05)
21519	OJ000223_11.0405.C14.p1.np	homeobox_knox3(1.1e-07)
21520	OJ000114_27.0419.C23.p1.np	hsf_dna-bind(HMM:1.7e-07)
21521	OJ000204_21.0413.C2.p1.np	hsf_dna-bind(HMM:1.9e-06)
21522	OJ000204_21.0413.C3.p1.np	hsf_dna-bind(HMM:0.0026)
21523	OJ000204_22.0419.C11.p2.np	hsf_dna-bind(HMM:0.0015)
21524	OJ000210_10.0307.C10.p1.np	hsf_dna-bind(HMM:4.5e-49)
21525	OJ000221_08.0320.C6.p3.np	hsf_dna-bind(HMM:4e-74)
21526	OJ000310_08.0419.C8.p1.np	hsf_dna-bind(HMM:3.8e-08)
21527	OJ000310_08.0419.C8.p2.np	hsf_dna-bind(HMM:6.7e-06)
21528	OJ000314_08.0414.C1.p2.np	hsf_dna-bind(HMM:1.1e-58)
21529	OJ000320_15.0411.C9.p2.np	hsf_dna-bind(HMM:3.5e-73)
21530	OJ000320_21.0419.C33.p1.np	hsf_dna-bind(HMM:3.5e-52)
21531	OJ000323_08.0419.C4.p1.np	hsf_dna-bind(HMM:1.4e-16)
21532	OJ000323_08.0419.C5.p1.np	hsf_dna-bind(HMM:1.7e-12)
21533	OJ000323_16.0421.C22.p1.np	hsf_dna-bind(HMM:2.1e-08)
21534	OJ990315_09.0128.C5.p1.np	hsf_dna-bind(HMM:2.5e-53)
21535	OJ990315_09.0421.C5.p1.np	hsf_dna-bind(HMM:2.5e-53)
21536	OJ990423_07.9B01.C25.p1.np	hsf_dna-bind(HMM:2.5e-75)
21537	OJ990527_20.0419.C45.p3.np	hsf_dna-bind(HMM:4.5e-58)
21538	OJ990527_23.9C10.C61.p1.np	hsf_dna-bind(HMM:0.24)
21539	OJ990620_36.9B04.C6.p3.np	hsf_dna-bind(HMM:4.5e-58)
21540	OJ990626_32.0419.C27.p1.np	hsf_dna-bind(HMM:0.0023)
21541	OJ990701_01.9919.C7.p1.np	hsf_dna-bind(HMM:1.2e-60)
21542	OJ990816_07.0225.C4.p1.np	hsf_dna-bind(HMM:1.7e-29)
21543	OJ990817_12.0103.C2.p2.np	hsf_dna-bind(HMM:4.5e-11)
21544	OJ990817_12.0103.C3.p1.np	hsf_dna-bind(HMM:7.5e-11)
21545	OJ990903_04.9B12.C28.p1.np	hsf_dna-bind(HMM:6.3e-09)
21546	OJ991027_16.0118.C12.p2.np	hsf_dna-bind(HMM:9.7e-57)
21547	OJ991106_43.0105.C4.p1.np	hsf_dna-bind(HMM:1e-49)
21548	OJ991114_37.0128.C1.p1.np	hsf_dna-bind(HMM:1.2e-60)
21549	OJ991121_30.0419.C4.p1.np	hsf_dna-bind(HMM:0.032)
21550	OJ991202_08.0421.C15.p1.np	hsf_dna-bind(HMM:5.1e-16)
21551	OJ991202_08.9C30.C14.p1.np	hsf_dna-bind(HMM:5.1e-16)
21552	OJ991210_11.0121.C16.p1.np	hsf_dna-bind(HMM:1.6e-38)
21553	OJ991214_05.0214.C9.p2.np	hsf_dna-bind(HMM:4.4e-47)

21554	OJ991226_43.0315.C7.p2.np	hsf_dna-bind(HMM:1e-15)
21555	OJ991226_43.0315.C7.p4.np	hsf_dna-bind(HMM:3.4e-14)
21556	OJ000107_10.0215.C14.p2.np	iaa(HMM:6.4e-41)
21557	OJ000107_10.0426.C14.p2.np	iaa(HMM:6.4e-41)
21558	OJ000118_21.0313.C6.p1.np	iaa(HMM:1.2e-41)
21559	OJ000125_05.0316.C8.p2.np	iaa(HMM:1.6e-37)
21560	OJ000150_00.0124.C56.p1.np	iaa(HMM:5.4e-37)
21561	OJ000150_19.0124.C1.p1.np	iaa(HMM:1.7e-48)
21562	OJ000150_19.0124.C2.p2.np	iaa(HMM:6.2e-60)
21563	OJ000250_35.0224.C4.p4.np	iaa(HMM:0.00023)
21564	OJ000250_43.0214.C5.p16.np	iaa(HMM:5.1e-37)
21565	OJ000301_04.0403.C17.p1.np	iaa(HMM:4.3e-05)
21566	OJ000301_04.0403.C25.p1.np	iaa(HMM:5.2e-23)
21567	OJ000302_05.0406.C13.p1.np	iaa(HMM:1.8e-36)
21568	OJ000303_02.0403.C9.p1.np	iaa(HMM:3.8e-43)
21569	OJ000307_13.0419.C11.p1.np	iaa(HMM:5.6e-05)
21570	OJ000307_13.0419.C8.p4.np	iaa(HMM:1.7e-48)
21571	OJ000310_07.0418.C8.p1.np	iaa(HMM:5.1e-37)
21572	OJ000310_08.0419.C33.p2.np	iaa(HMM:3.7e-45)
21573	OJ000310_24.0419.C6.p1.np	iaa(HMM:0.026)
21574	OJ000320_29.0419.C3.p1.np	iaa(HMM:6.4e-38)
21575	OJ000329_12.0419.C18.p1.np	iaa(HMM:8.5e-25)
21576	OJ000330_35.0419.C22.p2.np	iaa(HMM:4.3e-05)
21577	OJ000404_33.0424.C15.p1.np	iaa(HMM:7.4e-21)
21578	OJ990311_14.9819.C2.p1.np	iaa(HMM:3.2e-45)
21579	OJ990315_09.0128.C8.p2.np	iaa(HMM:3.3e-46)
21580	OJ990315_09.0421.C8.p2.np	iaa(HMM:3.3e-46)
21581	OJ990414_03.9C03.C10.p1.np	iaa(HMM:6.5e-32)
21582	OJ990428_28.9A08.C7.p2.np	iaa(HMM:3e-44)
21583	OJ990512_08.0419.C41.p1.np	iaa(HMM:1.3e-39)
21584	OJ990519_28.9924.C16.p1.np	iaa(HMM:2.6e-41)
21585	OJ990619_48.9A20.C1.p1.np	iaa(HMM:3.9e-54)
21586	OJ990619_54.9922.C3.p1.np	iaa(HMM:1.2e-51)
21587	OJ990708_04.9A01.C9.p1.np	iaa(HMM:1e-30)
21588	OJ990808_54.0421.C7.p1.np	iaa(HMM:4.6e-06)
21589	OJ990808_54.9C20.C8.p1.np	iaa(HMM:4.6e-06)
21590	OJ990822_48.0106.C2.p2.np	iaa(HMM:1.6e-53)
21591	OJ990922_10.0128.C12.p3.np	iaa(HMM:2e-40)
21592	OJ991105_10.0419.C10.p1.np	iaa(HMM:4e-06)
21593	OJ991106_43.0105.C7.p2.np	iaa(HMM:3.7e-45)
21594	OJ991107_44.0421.C3.p1.np	iaa(HMM:1.2e-28)
21595	OJ991107_44.9C27.C3.p1.np	iaa(HMM:1.2e-28)
21596	OJ991109_02.0118.C6.p1.np	iaa(HMM:4.3e-05)
21597	OJ991114_35.0419.C20.p1.np	iaa(HMM:3.7e-48)
21598	OJ991122_05.0210.C10.p1.np	iaa(HMM:9e-42)
21599	OJ991122_05.0303.C2.p1.np	iaa(HMM:9e-42)
21600	OJ991122_05.0421.C2.p1.np	iaa(HMM:9e-42)
21601	OJ991203_01.0128.C10.p4.np	iaa(HMM:3.7e-48)
21602	OJ991211_35.0420.C15.p2.np	iaa(HMM:3.9e-42)
21603	OJ000303_07.0419.C27.p2.np	ibr(HMM:5.2e-10)
21604	OJ000306_05.0419.C4.p2.np	ibr(HMM:3.6e-19)
21605	OJ000306_06.0403.C16.p1.np	ibr(HMM:5.9e-33)
21606	OJ000306_06.0403.C16.p2.np	ibr(HMM:1.6e-11)
21607	OJ000306_06.0403.C16.p3.np	ibr(HMM:3.6e-19)

21608	OJ000314_15.0419.C23.p1.np	ibr(HMM:4.2e-12)
21609	OJ000314_15.0419.C24.p1.np	ibr(HMM:3.6e-10)
21610	OJ000315_07.0420.C20.p3.np	ibr(HMM:3e-17)
21611	OJ990528_30.9919.C9.p1.np	ibr(HMM:8.8e-21)
21612	OJ990810_02.9B08.C9.p2.np	ibr(HMM:1.6e-11)
21613	OJ991027_11.0119.C6.p2.np	ibr(HMM:3e-18)
21614	OJ991107_39.9C17.C5.p5.np	ibr(HMM:3e-17)
21615	OJ991216_02.0218.C24.p3.np	ibr(HMM:0.002)
21616	OJ000111_12.0313.C5.p3.np	ibr(HMM:4.8e-05),zf- c3hc4(HMM:0.069)
21617	OJ000111_12.0313.C5.p4.np	ibr(HMM:0.013),zf- c3hc4(HMM:0.006)
21618	OJ000111_12.0426.C5.p3.np	ibr(HMM:4.8e-05),zf- c3hc4(HMM:0.069)
21619	OJ000111_12.0426.C5.p4.np	ibr(HMM:0.013),zf- c3hc4(HMM:0.006)
21620	OJ000250_49.0214.C8.p2.np	ibr(HMM:0.0021),zf- c3hc4(HMM:0.11)
21621	OJ000303_07.0419.C27.p3.np	ibr(HMM:0.003),zf- c3hc4(HMM:0.055)
21622	OJ000303_28.0419.C19.p2.np	ibr(HMM:0.0021),zf- c3hc4(HMM:0.11)
21623	OJ000306_05.0419.C4.p1.np	ibr(HMM:0.00044),zf- c3hc4(HMM:0.03)
21624	OJ000313_26.0407.C14.p1.np	ibr(HMM:1.3e-15),zf- c3hc4(HMM:0.063)
21625	OJ000313_26.0420.C14.p1.np	ibr(HMM:1.3e-15),zf- c3hc4(HMM:0.063)
21626	OJ000314_15.0419.C16.p1.np	ibr(HMM:1.3e-11),zf- c3hc4(HMM:0.13)
21627	OJ990503_05.9B12.C25.p1.np	ibr(HMM:0.0021),zf- c3hc4(HMM:0.11)
21628	OJ990519_29.9B05.C8.p1.np	ibr(HMM:2.5e-08),zf- c3hc4(HMM:0.021)
21629	OJ990619_35.9927.C5.p7.np	ibr(HMM:0.26),zf- c3hc4(HMM:0.063)
21630	OJ990727_05.9A26.C4.p2.np	ibr(HMM:1e-06),zf- c3hc4(HMM:0.037)
21631	OJ990810_02.9B08.C9.p3.np	ibr(HMM:2.9e-19),zf- c3hc4(HMM:0.017)
21632	OJ000112_18.0224.C1.p1.np	k-box(HMM:2.4e-07)
21633	OJ000112_18.0426.C1.p1.np	k-box(HMM:2.4e-07)
21634	OJ000113_15.0210.C13.p1.np	k-box(HMM:1.5e-15)
21635	OJ000223_06.0316.C7.p1.np	k-box(HMM:1.3e-21)
21636	OJ000224_03.0404.C19.p2.np	k-box(HMM:6e-32)
21637	OJ000250_48.0211.C12.p1.np	k-box(HMM:4.8e-11)
21638	OJ000250_82.0320.C45.p6.np	k-box(HMM:1.7e-07)
21639	OJ000250_82.0320.C46.p1.np	k-box(HMM:0.0041)
21640	OJ000251_34.0303.C33.p1.np	k-box(HMM:1.2e-06)
21641	OJ000251_48.0228.C11.p1.np	k-box(HMM:1.5e-07)
21642	OJ000306_08.0419.C59.p1.np	k-box(HMM:1e-09)
21643	OJ000314_34.0419.C2.p2.np	k-box(HMM:1.7)
21644	OJ000330_21.0419.C19.p1.np	k-box(HMM:1.5e-09)
21645	OJ990823_06.9B03.C3.p1.np	k-box(HMM:7.1e-11)

21646	OJ990826_02.9B04.C3.p1.np	k-box(HMM:4.4e-13)
21647	OJ990915_06.9B15.C20.p1.np	k-box(HMM:0.0023)
21648	OJ991020_07.0202.C15.p1.np	k-box(HMM:1.6e-10)
21649	OJ991113_34.0421.C9.p4.np	k-box(HMM:4.6)
21650	OJ991113_34.9C27.C29.p2.np	k-box(HMM:4.6)
21651	OJ991208_01.0110.C9.p1.np	k-box(HMM:0.053)
21652	OJ991211_57.0228.C13.p1.np	k-box(HMM:1.5e-07)
21653	OJ000204_15.0302.C2.p2.np	k-box(HMM:3.5e-07),srf- tf(HMM:2.6e-35)
21654	OJ000250_82.0320.C45.p4.np	k-box(HMM:8.6e-43),srf- tf(HMM:1e-37)
21655	OJ000302_10.0418.C12.p1.np	k-box(HMM:4.8e-40),srf- tf(HMM:7.3e-36)
21656	OJ000306_09.0407.C36.p1.np	k-box(HMM:3.4e-18),srf- tf(HMM:7.7e-34)
21657	OJ000350_26.0323.C10.p8.np	k-box(HMM:5.2e-17),srf- tf(HMM:9.6e-38)
21658	OJ990312_12.9819.C28.p1.np	k-box(HMM:7.3e-09),srf- tf(HMM:1.2e-20)
21659	OJ990515_20.9924.C4.p1.np	k-box(HMM:1.5e-23),srf- tf(HMM:2.2e-38)
21660	OJ990517_23.9C10.C9.p2.np	k-box(HMM:3e-26),srf- tf(HMM:1.2e-36)
21661	OJ990525_14.9C03.C6.p2.np	k-box(HMM:1e-13),srf- tf(HMM:7.7e-34)
21662	OJ990528_21.9B12.C23.p2.np	k-box(HMM:3e-26),srf- tf(HMM:1.2e-36)
21663	OJ990604_02.9A01.C22.p2.np	k-box(HMM:3e-26),srf- tf(HMM:1.2e-36)
21664	OJ990727_04.9A20.C3.p3.np	k-box(HMM:1.9e-18),srf- tf(HMM:2.8e-34)
21665	OJ990914_19.9B01.C2.p2.np	k-box(HMM:3.1e-28),srf- tf(HMM:3.7e-36)
21666	OJ991011_14.0207.C11.p1.np	k-box(HMM:3.6e-40),srf- tf(HMM:2.1e-38)
21667	OJ991115_09.0421.C11.p2.np	k-box(HMM:2e-41),srf- tf(HMM:2.2e-38)
21668	OJ991115_09.9C22.C11.p2.np	k-box(HMM:2e-41),srf- tf(HMM:2.2e-38)
21669	OJ991206_18.0131.C13.p3.np	k-box(HMM:2e-41),srf- tf(HMM:2.2e-38)
21670	OJ991211_65.0317.C11.p1.np	k-box(HMM:1.8e-38),srf- tf(HMM:4.5e-37)
21671	OJ000110_02.0330.C81.p3.np	keyword:AGL(not_available)
21672	OJ000110_02.0426.C81.p3.np	keyword:AGL(not_available)
21673	OJ000222_06.0323.C14.p5.np	keyword:AGL(not_available)
21674	OJ990619_48.9A20.C4.p1.np	keyword:AGL(not_available)
21675	OJ990627_33.9B18.C22.p2.np	keyword:AGL(not_available)
21676	OJ991202_09.0421.C15.p1.np	keyword:AGL(not_available)
21677	OJ991202_09.9C27.C15.p1.np	keyword:AGL(not_available)
21678	OJ000214_02.0321.C21.p2.np	keyword:AT-hook(not_available)
21679	OJ990617_06.9A27.C77.p1.np	keyword:AT-hook(not_available)
21680	OJ990827_13.0204.C13.p2.np	keyword:AT-hook(not_available)
21681	OJ990830_08.9C13.C7.p1.np	keyword:AT-hook(not_available)

21682	OJ990830_09.9C23.C5.p1.np	keyword:AT-hook(not_available)
21683	OJ991107_32.9C13.C3.p2.np	keyword:AT-hook(not_available)
21684	OJ991111_15.0225.C1.p3.np	keyword:AT-hook(not_available)
21685	OJ000214_02.0321.C2.p1.np	keyword:AT-hook(not_available),keyword:dna-binding(not_available)
21686	OJ000229_25.0322.C33.p1.np	keyword:AT-hook(not_available),keyword:dna-binding(not_available)
21687	OJ990122_05.9819.C3.p3.np	keyword:AT-hook(not_available),keyword:dna-binding(not_available)
21688	OJ990528_06.9C03.C13.p1.np	keyword:AT-hook(not_available),keyword:dna-binding(not_available)
21689	OJ990605_43.0317.C6.p1.np	keyword:AT-hook(not_available),keyword:dna-binding(not_available)
21690	OJ990914_13.9B24.C2.p6.np	keyword:AT-hook(not_available),keyword:dna-binding(not_available)
21691	OJ991116_12.0107.C12.p2.np	keyword:AT-hook(not_available),keyword:dna-binding(not_available)
21692	OJ991201_20.0118.C5.p3.np	keyword:AT-hook(not_available),keyword:dna-binding(not_available)
21693	OJ990528_13.9C10.C56.p1.np	keyword:CONSTANS(not_available)
21694	OJ991101_12.0218.C14.p1.np	keyword:CONSTANS(not_available)
21695	OJ000113_10.0224.C3.p1.np	keyword:DREB(not_available)
21696	OJ000118_15.0419.C15.p1.np	keyword:DREB(not_available)
21697	OJ000250_67.0303.C2.p1.np	keyword:DREB(not_available)
21698	OJ000321_27.0419.C20.p4.np	keyword:DREB(not_available)
21699	OJ000324_20.0419.C33.p1.np	keyword:DREB(not_available)
21700	OJ000324_20.0419.C34.p1.np	keyword:DREB(not_available)
21701	OJ000350_05.0410.C5.p1.np	keyword:DREB(not_available)
21702	OJ990129_01.9917.C36.p1.np	keyword:DREB(not_available)
21703	OJ990312_08.9923.C14.p1.np	keyword:DREB(not_available)
21704	OJ990312_08.9923.C2.p1.np	keyword:DREB(not_available)
21705	OJ990503_11.9921.C25.p1.np	keyword:DREB(not_available)
21706	OJ990616_09.9C01.C48.p3.np	keyword:DREB(not_available)
21707	OJ990617_14.9B23.C3.p1.np	keyword:DREB(not_available)
21708	OJ990810_04.0303.C39.p1.np	keyword:DREB(not_available)
21709	OJ990822_42.0419.C37.p1.np	keyword:DREB(not_available)
21710	OJ990903_16.9B19.C23.p2.np	keyword:DREB(not_available)
21711	OJ990909_07.9B15.C18.p3.np	keyword:DREB(not_available)
21712	OJ991113_45.0419.C3.p1.np	keyword:DREB(not_available)
21713	OJ991209_02.0107.C4.p3.np	keyword:DREB(not_available)
21714	OJ991209_02.0421.C6.p4.np	keyword:DREB(not_available)
21715	OJ991211_56.0303.C12.p1.np	keyword:DREB(not_available)
21716	OJ000112_15.0310.C21.p1.np	keyword:Leucine-zipper(not_available)



21717	OJ000112_15.0310.C22.p1.np	keyword:Leucine- zipper(not_available)
21718	OJ000112_15.0426.C21.p1.np	keyword:Leucine- zipper(not_available)
21719	OJ000112_15.0426.C22.p1.np	keyword:Leucine- zipper(not_available)
21720	OJ000204_05.0419.C21.p1.np	keyword:Leucine- zipper(not_available)
21721	OJ000327_17.0420.C28.p1.np	keyword:Leucine- zipper(not_available)
21722	OJ990324_03.0419.C180.p1.np	keyword:Leucine- zipper(not_available)
21723	OJ990324_03.0419.C181.p1.np	keyword:Leucine- zipper(not_available)
21724	OJ990528_28.9A01.C5.p3.np	keyword:Leucine- zipper(not_available)
21725	OJ990604_03.9C03.C39.p2.np	keyword:Leucine- zipper(not_available)
21726	OJ990716_06.9819.C18.p3.np	keyword:Leucine- zipper(not_available)
21727	OJ991012_10.0127.C10.p2.np	keyword:Leucine- zipper(not_available)
21728	OJ991109_19.0421.C8.p1.np	keyword:Leucine- zipper(not_available)
21729	OJ000102_36.0222.C1.p1.np	keyword:ap2(not_available)
21730	OJ000102_56.0407.C49.p2.np	keyword:ap2(not_available)
21731	OJ000102_56.0426.C49.p2.np	keyword:ap2(not_available)
21732	OJ000103_08.0222.C8.p1.np	keyword:ap2(not_available)
21733	OJ000110_02.0330.C66.p1.np	keyword:ap2(not_available)
21734	OJ000110_02.0426.C66.p1.np	keyword:ap2(not_available)
21735	OJ000113_01.0331.C11.p2.np	keyword:ap2(not_available)
21736	OJ000113_01.0426.C11.p2.np	keyword:ap2(not_available)
21737	OJ000117_05.0419.C63.p1.np	keyword:ap2(not_available)
21738	OJ000130_34.0419.C21.p1.np	keyword:ap2(not_available)
21739	OJ000207_03.0330.C21.p2.np	keyword:ap2(not_available)
21740	OJ000221_06.0330.C9.p1.np	keyword:ap2(not_available)
21741	OJ000229_19.0331.C5.p2.np	keyword:ap2(not_available)
21742	OJ000250_31.0217.C45.p2.np	keyword:ap2(not_available)
21743	OJ000250_31.0217.C46.p1.np	keyword:ap2(not_available)
21744	OJ000250_61.0419.C6.p3.np	keyword:ap2(not_available)
21745	OJ000251_42.0328.C20.p2.np	keyword:ap2(not_available)
21746	OJ000302_23.0331.C15.p1.np	keyword:ap2(not_available)
21747	OJ000307_28.0417.C12.p1.np	keyword:ap2(not_available)
21748	OJ000313_32.0419.C10.p1.np	keyword:ap2(not_available)
21749	OJ000323_22.0418.C5.p1.np	keyword:ap2(not_available)
21750	OJ000329_01.0419.C13.p1.np	keyword:ap2(not_available)
21751	OJ000329_01.0419.C15.p1.np	keyword:ap2(not_available)
21752	OJ000350_02.0314.C18.p7.np	keyword:ap2(not_available)
21753	OJ990308_07.9819.C16.p2.np	keyword:ap2(not_available)
21754	OJ990409_05.0419.C37.p1.np	keyword:ap2(not_available)
21755	OJ990421_21.0211.C13.p1.np	keyword:ap2(not_available)
21756	OJ990423_11.9924.C7.p2.np	keyword:ap2(not_available)
21757	OJ990423_11.9924.C7.p3.np	keyword:ap2(not_available)
21758	OJ990430_11.9A14.C31.p1.np	keyword:ap2(not_available)

21759	OJ990519_30.9A20.C9.p2.np	keyword:ap2(not_available)
21760	OJ990701_10.9919.C15.p3.np	keyword:ap2(not_available)
21761	OJ990706_05.9A20.C3.p1.np	keyword:ap2(not_available)
21762	OJ990728_11.9C03.C9.p5.np	keyword:ap2(not_available)
21763	OJ990728_13.9920.C4.p8.np	keyword:ap2(not_available)
21764	OJ990821_42.0110.C36.p1.np	keyword:ap2(not_available)
21765	OJ990821_42.0421.C34.p1.np	keyword:ap2(not_available)
21766	OJ990822_44.0105.C25.p12.np	keyword:ap2(not_available)
21767	OJ991021_19.0202.C15.p3.np	keyword:ap2(not_available)
21768	OJ991116_06.0104.C8.p1.np	keyword:ap2(not_available)
21769	OJ991116_06.0104.C9.p3.np	keyword:ap2(not_available)
21770	OJ991122_12.0229.C12.p3.np	keyword:ap2(not_available)
21771	OJ991206_17.0104.C2.p8.np	keyword:ap2(not_available)
21772	OJ991206_17.0104.C3.p2.np	keyword:ap2(not_available)
21773	OJ991210_10.0110.C16.p3.np	keyword:ap2(not_available)
21774	OJ991215_15.0127.C25.p1.np	keyword:ap2(not_available)
21775	OJ000102_54.0426.C54.p1.np	keyword:bzip(not_available)
21776	OJ000150_00.0124.C39.p1.np	keyword:bzip(not_available)
21777	OJ000150_00.0124.C49.p1.np	keyword:bzip(not_available)
21778	OJ000150_00.0124.C5.p1.np	keyword:bzip(not_available)
21779	OJ000150_01.0124.C25.p1.np	keyword:bzip(not_available)
21780	OJ000214_08.0419.C34.p1.np	keyword:bzip(not_available)
21781	OJ000323_38.0418.C12.p1.np	keyword:bzip(not_available)
21782	OJ000350_46.0322.C6.p1.np	keyword:bzip(not_available)
21783	OJ990405_01.9A01.C13.p3.np	keyword:bzip(not_available)
21784	OJ990405_01.9A01.C13.p4.np	keyword:bzip(not_available)
21785	OJ990520_01.9B12.C50.p2.np	keyword:bzip(not_available)
21786	OJ990730_08.9C10.C1.p1.np	keyword:bzip(not_available)
21787	OJ991001_01.0119.C7.p1.np	keyword:bzip(not_available)
21788	OJ991118_02.0104.C10.p1.np	keyword:bzip(not_available)
21789	OJ991118_02.0104.C10.p2.np	keyword:bzip(not_available)
21790	OJ000302_21.0419.C12.p2.np	keyword:bzip(not_available),key word:dna-binding(not_available)
21791	OJ990503_26.9B02.C12.p2.np	keyword:bzip(not_available),key word:dna-binding(not_available)
21792	OJ990909_08.0222.C21.p4.np	keyword:bzip(not_available),key word:dna-binding(not_available)
21793	OJ990810_04.0303.C29.p1.np	keyword:bzip(not_available),key word:homeobox(not_available)
21794	OJ000102_74.0317.C11.p2.np	keyword:dna- binding(not_available)
21795	OJ000102_74.0317.C11.p3.np	keyword:dna- binding(not_available)
21796	OJ000102_74.0317.C9.p3.np	keyword:dna- binding(not_available)
21797	OJ000102_74.0426.C11.p2.np	keyword:dna- binding(not_available)
21798	OJ000102_74.0426.C11.p3.np	keyword:dna- binding(not_available)
21799	OJ000102_74.0426.C9.p3.np	keyword:dna- binding(not_available)
21800	OJ000111_13.0222.C1.p1.np	keyword:dna- binding(not_available)
21801	OJ000114_05.0323.C59.p5.np	keyword:dna-

21802	OJ000114_05.0414.C60.p5.np	binding(not_available) keyword:dna-
21803	OJ000114_06.0419.C22.p1.np	binding(not_available) keyword:dna-
21804	OJ000114_22.0419.C35.p3.np	binding(not_available) keyword:dna-
21805	OJ000118_24.0307.C5.p2.np	binding(not_available) keyword:dna-
21806	OJ000121_12.0309.C43.p1.np	binding(not_available) keyword:dna-
21807	OJ000207_21.0419.C5.p1.np	binding(not_available) keyword:dna-
21808	OJ000207_21.0419.C6.p1.np	binding(not_available) keyword:dna-
21809	OJ000207_27.0406.C22.p4.np	binding(not_available) keyword:dna-
21810	OJ000208_25.0419.C5.p1.np	binding(not_available) keyword:dna-
21811	OJ000209_26.0229.C16.p3.np	binding(not_available) keyword:dna-
21812	OJ000210_12.0419.C42.p1.np	binding(not_available) keyword:dna-
21813	OJ000210_20.0419.C5.p1.np	binding(not_available) keyword:dna-
21814	OJ000214_06.0309.C16.p1.np	binding(not_available) keyword:dna-
21815	OJ000214_06.0309.C16.p2.np	binding(not_available) keyword:dna-
21816	OJ000214_11.0407.C24.p1.np	binding(not_available) keyword:dna-
21817	OJ000222_06.0323.C5.p1.np	binding(not_available) keyword:dna-
21818	OJ000223_16.0320.C8.p1.np	binding(not_available) keyword:dna-
21819	OJ000224_04.0321.C3.p1.np	binding(not_available) keyword:dna-
21820	OJ000250_54.0309.C19.p1.np	binding(not_available) keyword:dna-
21821	OJ000251_11.0419.C19.p2.np	binding(not_available) keyword:dna-
21822	OJ000251_11.0419.C23.p1.np	binding(not_available) keyword:dna-
21823	OJ000301_02.0404.C10.p1.np	binding(not_available) keyword:dna-
21824	OJ000301_02.0404.C8.p2.np	binding(not_available) keyword:dna-
21825	OJ000301_02.0404.C9.p1.np	binding(not_available) keyword:dna-
21826	OJ000301_02.0404.C9.p2.np	binding(not_available) keyword:dna-
21827	OJ000307_27.0419.C22.p5.np	binding(not_available) keyword:dna-
21828	OJ000310_39.0424.C39.p1.np	binding(not_available) keyword:dna-

21829	OJ000314_36.0419.C6.p5.np	binding(not_available) keyword:dna-
21830	OJ000315_27.0419.C7.p1.np	binding(not_available) keyword:dna-
21831	OJ000316_18.0412.C4.p1.np	binding(not_available) keyword:dna-
21832	OJ000320_40.0413.C12.p2.np	binding(not_available) keyword:dna-
21833	OJ000321_19.0419.C15.p1.np	binding(not_available) keyword:dna-
21834	OJ000321_19.0419.C8.p1.np	binding(not_available) keyword:dna-
21835	OJ000321_27.0419.C21.p1.np	binding(not_available) keyword:dna-
21836	OJ000321_33.0424.C4.p1.np	binding(not_available) keyword:dna-
21837	OJ000322_07.0419.C16.p3.np	binding(not_available) keyword:dna-
21838	OJ000323_08.0419.C6.p7.np	binding(not_available) keyword:dna-
21839	OJ000324_18.0420.C5.p4.np	binding(not_available) keyword:dna-
21840	OJ000330_10.0420.C12.p1.np	binding(not_available) keyword:dna-
21841	OJ000331_05.0419.C19.p1.np	binding(not_available) keyword:dna-
21842	OJ000350_00.0328.C17.p2.np	binding(not_available) keyword:dna-
21843	OJ000350_72.0403.C19.p1.np	binding(not_available) keyword:dna-
21844	OJ000403_18.0419.C4.p2.np	binding(not_available) keyword:dna-
21845	OJ000404_07.0421.C7.p1.np	binding(not_available) keyword:dna-
21846	OJ000450_03.0419.C31.p1.np	binding(not_available) keyword:dna-
21847	OJ990222_08.0420.C58.p1.np	binding(not_available) keyword:dna-
21848	OJ990222_08.9819.C18.p1.np	binding(not_available) keyword:dna-
21849	OJ990222_08.9819.C22.p1.np	binding(not_available) keyword:dna-
21850	OJ990304_02.9B12.C5.p1.np	binding(not_available) keyword:dna-
21851	OJ990304_02.9B12.C6.p1.np	binding(not_available) keyword:dna-
21852	OJ990323_01.0420.C17.p1.np	binding(not_available) keyword:dna-
21853	OJ990323_01.0420.C18.p1.np	binding(not_available) keyword:dna-
21854	OJ990323_01.0420.C40.p1.np	binding(not_available) keyword:dna-
21855	OJ990330_16.9923.C3.p1.np	binding(not_available) keyword:dna-

21856	OJ990405_10.9819.C23.p1.np	binding(not_available) keyword:dna-
21857	OJ990408_08.9B12.C43.p1.np	binding(not_available) keyword:dna-
21858	OJ990428_01.9924.C19.p1.np	binding(not_available) keyword:dna-
21859	OJ990723_10.9C01.C3.p5.np	binding(not_available) keyword:dna-
21860	OJ990808_37.0103.C16.p2.np	binding(not_available) keyword:dna-
21861	OJ990817_12.0103.C5.p1.np	binding(not_available) keyword:dna-
21862	OJ990820_03.9921.C59.p1.np	binding(not_available) keyword:dna-
21863	OJ990830_08.9C13.C6.p1.np	binding(not_available) keyword:dna-
21864	OJ991110_05.0307.C17.p1.np	binding(not_available) keyword:dna-
21865	OJ991121_46.9C13.C13.p1.np	binding(not_available) keyword:dna-
21866	OJ991202_08.0421.C36.p1.np	binding(not_available) keyword:dna-
21867	OJ991202_08.9C30.C35.p6.np	binding(not_available) keyword:dna-
21868	OJ991215_13.0419.C62.p1.np	binding(not_available) keyword:dna-
21869	OJ991226_43.0315.C11.p1.np	binding(not_available) keyword:dna-
21870	OJ000250_23.0208.C5.p1.np	keyword:enbp(not_available)
21871	OJ000250_23.0303.C2.p1.np	keyword:enbp(not_available)
21872	OJ990528_06.9C03.C47.p1.np	keyword:helix-loop- helix(not_available),keyword:dna-
21873	OJ990528_06.9C03.C50.p1.np	binding(not_available) keyword:helix-loop- helix(not_available),keyword:dna-
21874	OJ000108_39.0308.C22.p2.np	binding(not_available) keyword:homeobox(not_availabl e)
21875	OJ000108_39.0426.C22.p2.np	keyword:homeobox(not_availabl e)
21876	OJ000121_08.0306.C11.p1.np	keyword:homeobox(not_availabl e)
21877	OJ000208_25.0419.C14.p1.np	keyword:homeobox(not_availabl e)
21878	OJ000250_36.0222.C24.p8.np	keyword:homeobox(not_availabl e)
21879	OJ000314_08.0414.C6.p1.np	keyword:homeobox(not_availabl e)
21880	OJ000315_30.0419.C3.p1.np	keyword:homeobox(not_availabl e)
21881	OJ000350_05.0410.C11.p7.np	keyword:homeobox(not_availabl e)
21882	OJ000350_30.0314.C10.p2.np	keyword:homeobox(not_availabl

21883	OJ990105_06.9819.C14.p1.np	e) keyword:homeobox(not_availabl
21884	OJ990619_51.9920.C8.p1.np	e) keyword:homeobox(not_availabl
21885	OJ990625_01.9921.C9.p1.np	e) keyword:homeobox(not_availabl
21886	OJ990715_11.0419.C22.p1.np	e) keyword:homeobox(not_availabl
21887	OJ990730_06.9921.C20.p1.np	e) keyword:homeobox(not_availabl
21888	OJ991113_34.9C27.C7.p1.np	e) keyword:homeobox(not_availabl
21889	OJ991117_07.0104.C8.p1.np	e) keyword:homeobox(not_availabl
21890	OJ000113_04.0302.C8.p1.np	e) keyword:homeobox(not_availabl
21891	OJ000113_04.0426.C8.p1.np	e),keyword:Leucine- zipper(not_available) keyword:homeobox(not_availabl
21892	OJ990822_42.0419.C22.p1.np	e),keyword:Leucine- zipper(not_available) keyword:homeobox(not_availabl
21893	OJ000217_01.0308.C6.p3.np	e),keyword:homeodomain(not_av ailable),keyword:KNOX(not_ava ilable)
21894	OJ990315_09.0128.C21.p1.np	keyword:homeodomain(not_avail able)
21895	OJ990315_09.0421.C20.p1.np	keyword:homeodomain(not_avail able)
21896	OJ990602_12.0421.C6.p2.np	keyword:homeodomain(not_avail able)
21897	OJ990823_02.9B15.C14.p1.np	keyword:homeodomain(not_avail able)
21898	OJ990315_09.0128.C12.p1.np	keyword:homeodomain(not_avail able),keyword:Leucine- zipper(not_available)
21899	OJ990315_09.0421.C12.p1.np	keyword:homeodomain(not_avail able),keyword:Leucine- zipper(not_available)
21900	OJ990630_12.9C03.C9.p1.np	keyword:homeodomain(not_avail able),keyword:Leucine- zipper(not_available)
21901	OJ990712_06.9922.C13.p1.np	keyword:homeodomain(not_avail able),keyword:Leucine- zipper(not_available)
21902	OJ000126_02.0303.C19.p1.np	keyword:mads(not_available)
21903	OJ000223_06.0316.C6.p1.np	keyword:mads(not_available)
21904	OJ000224_03.0404.C7.p1.np	keyword:mads(not_available)
21905	OJ000250_82.0320.C7.p1.np	keyword:mads(not_available)
21906	OJ000251_34.0303.C32.p2.np	keyword:mads(not_available)
21907	OJ000330_21.0419.C2.p1.np	keyword:mads(not_available)

21908	OJ990602_04.0103.C56.p1.np	keyword:mads(not_available)
21909	OJ990823_06.9B03.C1.p1.np	keyword:mads(not_available)
21910	OJ000216_03.0330.C49.p1.np	keyword:myb(not_available)
21911	OJ000221_20.0314.C8.p1.np	keyword:myb(not_available)
21912	OJ000224_07.0419.C25.p1.np	keyword:myb(not_available)
21913	OJ000301_10.0323.C3.p2.np	keyword:myb(not_available)
21914	OJ000301_20.0330.C26.p2.np	keyword:myb(not_available)
21915	OJ000310_38.0425.C29.p2.np	keyword:myb(not_available)
21916	OJ000313_29.0419.C9.p1.np	keyword:myb(not_available)
21917	OJ000313_32.0419.C24.p5.np	keyword:myb(not_available)
21918	OJ000314_09.0405.C18.p1.np	keyword:myb(not_available)
21919	OJ000321_28.0424.C19.p1.np	keyword:myb(not_available)
21920	OJ000324_01.0424.C50.p1.np	keyword:myb(not_available)
21921	OJ000327_31.0414.C4.p1.np	keyword:myb(not_available)
21922	OJ000331_10.0419.C8.p1.np	keyword:myb(not_available)
21923	OJ000350_05.0410.C3.p1.np	keyword:myb(not_available)
21924	OJ000403_26.0419.C22.p1.np	keyword:myb(not_available)
21925	OJ990205_04.9819.C5.p1.np	keyword:myb(not_available)
21926	OJ990308_04.9819.C10.p2.np	keyword:myb(not_available)
21927	OJ990406_07.9C10.C18.p4.np	keyword:myb(not_available)
21928	OJ990416_01.9C03.C41.p2.np	keyword:myb(not_available)
21929	OJ990416_01.9C03.C51.p1.np	keyword:myb(not_available)
21930	OJ990426_01.9924.C16.p1.np	keyword:myb(not_available)
21931	OJ990513_07.9A21.C29.p1.np	keyword:myb(not_available)
21932	OJ990626_46.9C10.C2.p3.np	keyword:myb(not_available)
21933	OJ990708_13.9C23.C8.p1.np	keyword:myb(not_available)
21934	OJ990720_12.0419.C22.p1.np	keyword:myb(not_available)
21935	OJ990721_12.0210.C30.p1.np	keyword:myb(not_available)
21936	OJ990730_14.0419.C27.p1.np	keyword:myb(not_available)
21937	OJ990810_03.0203.C40.p1.np	keyword:myb(not_available)
21938	OJ990810_08.0103.C15.p1.np	keyword:myb(not_available)
21939	OJ990826_14.9B15.C11.p1.np	keyword:myb(not_available)
21940	OJ990903_09.9B04.C1.p1.np	keyword:myb(not_available)
21941	OJ990913_14.9B19.C10.p2.np	keyword:myb(not_available)
21942	OJ990923_12.9C01.C7.p1.np	keyword:myb(not_available)
21943	OJ990930_16.9B05.C22.p3.np	keyword:myb(not_available)
21944	OJ990930_19.9B12.C17.p3.np	keyword:myb(not_available)
21945	OJ991026_15.0218.C7.p1.np	keyword:myb(not_available)
21946	OJ991109_01.0410.C20.p1.np	keyword:myb(not_available)
21947	OJ991115_09.0421.C8.p2.np	keyword:myb(not_available)
21948	OJ991115_09.9C22.C8.p2.np	keyword:myb(not_available)
21949	OJ991116_05.0330.C4.p1.np	keyword:myb(not_available)
21950	OJ991206_18.0131.C18.p1.np	keyword:myb(not_available)
21951	OJ991210_10.0110.C8.p2.np	keyword:myb(not_available)
21952	OJ991215_14.0211.C2.p1.np	keyword:myb(not_available)
21953	OJ991216_03.0419.C14.p1.np	keyword:myb(not_available)
21954	OJ000113_01.0331.C11.p1.np	keyword:myb(not_available),key word:dna-binding(not_available)
21955	OJ000113_01.0426.C11.p1.np	keyword:myb(not_available),key word:dna-binding(not_available)
21956	OJ000301_13.0330.C21.p3.np	keyword:myb(not_available),key word:dna-binding(not_available)
21957	OJ991206_18.0131.C12.p3.np	keyword:myb(not_available),key word:dna-binding(not_available)

21958	OJ000107_03.0207.C6.p1.np	keyword:scarecrow(not_available)
21959	OJ000114_11.0217.C1.p1.np	keyword:scarecrow(not_available)
21960	OJ000322_17.0419.C17.p1.np	keyword:scarecrow(not_available)
21961	OJ000324_20.0419.C20.p1.np	keyword:scarecrow(not_available)
21962	OJ990414_06.9C10.C5.p1.np	keyword:scarecrow(not_available)
21963	OJ990419_07.9923.C7.p1.np	keyword:scarecrow(not_available)
21964	OJ990505_03.0420.C90.p1.np	keyword:scarecrow(not_available)
21965	OJ990505_03.9921.C15.p1.np	keyword:scarecrow(not_available)
21966	OJ000105_11.0214.C3.p1.np	keyword:transcription(not_available)
21967	OJ000107_04.0210.C10.p1.np	keyword:transcription(not_available)
21968	OJ000107_04.0426.C10.p1.np	keyword:transcription(not_available)
21969	OJ000111_01.0225.C5.p1.np	keyword:transcription(not_available)
21970	OJ000111_01.0426.C5.p1.np	keyword:transcription(not_available)
21971	OJ000111_03.0303.C10.p2.np	keyword:transcription(not_available)
21972	OJ000111_03.0426.C10.p2.np	keyword:transcription(not_available)
21973	OJ000111_08.0323.C8.p1.np	keyword:transcription(not_available)
21974	OJ000111_08.0426.C8.p1.np	keyword:transcription(not_available)
21975	OJ000111_10.0313.C18.p2.np	keyword:transcription(not_available)
21976	OJ000111_10.0426.C18.p2.np	keyword:transcription(not_available)
21977	OJ000111_11.0426.C8.p6.np	keyword:transcription(not_available)
21978	OJ000114_22.0419.C75.p1.np	keyword:transcription(not_available)
21979	OJ000117_20.0222.C27.p2.np	keyword:transcription(not_available)
21980	OJ000121_07.0222.C18.p1.np	keyword:transcription(not_available)
21981	OJ000130_33.0417.C20.p3.np	keyword:transcription(not_available)
21982	OJ000150_20.0124.C11.p1.np	keyword:transcription(not_available)
21983	OJ000204_09.0306.C10.p1.np	keyword:transcription(not_available)
21984	OJ000204_09.0306.C5.p1.np	keyword:transcription(not_available)



21985	OJ000208_10.0331.C21.p3.np	keyword:transcription(not_availa ble)
21986	OJ000208_10.0331.C23.p1.np	keyword:transcription(not_availa ble)
21987	OJ000208_10.0331.C4.p1.np	keyword:transcription(not_availa ble)
21988	OJ000208_18.0417.C19.p4.np	keyword:transcription(not_availa ble)
21989	OJ000209_04.0317.C15.p2.np	keyword:transcription(not_availa ble)
21990	OJ000223_15.0419.C31.p1.np	keyword:transcription(not_availa ble)
21991	OJ000223_15.0419.C38.p1.np	keyword:transcription(not_availa ble)
21992	OJ000223_19.0403.C15.p1.np	keyword:transcription(not_availa ble)
21993	OJ000223_22.0320.C7.p2.np	keyword:transcription(not_availa ble)
21994	OJ000250_51.0211.C2.p2.np	keyword:transcription(not_availa ble)
21995	OJ000251_14.0225.C2.p1.np	keyword:transcription(not_availa ble)
21996	OJ000251_24.0218.C5.p2.np	keyword:transcription(not_availa ble)
21997	OJ000251_33.0331.C25.p4.np	keyword:transcription(not_availa ble)
21998	OJ000251_33.0331.C26.p1.np	keyword:transcription(not_availa ble)
21999	OJ000251_33.0331.C36.p2.np	keyword:transcription(not_availa ble)
22000	OJ000251_48.0228.C33.p7.np	keyword:transcription(not_availa ble)
22001	OJ000251_48.0228.C5.p1.np	keyword:transcription(not_availa ble)
22002	OJ000301_06.0419.C7.p3.np	keyword:transcription(not_availa ble)
22003	OJ000301_13.0330.C15.p1.np	keyword:transcription(not_availa ble)
22004	OJ000301_25.0410.C7.p3.np	keyword:transcription(not_availa ble)
22005	OJ000302_10.0418.C13.p1.np	keyword:transcription(not_availa ble)
22006	OJ000303_15.0419.C10.p1.np	keyword:transcription(not_availa ble)
22007	OJ000306_09.0407.C12.p2.np	keyword:transcription(not_availa ble)
22008	OJ000306_09.0407.C12.p3.np	keyword:transcription(not_availa ble)
22009	OJ000307_02.0330.C16.p2.np	keyword:transcription(not_availa ble)
22010	OJ000307_24.0414.C16.p1.np	keyword:transcription(not_availa ble)
22011	OJ000307_24.0414.C19.p3.np	keyword:transcription(not_availa ble)

22012	OJ000307_25.0419.C47.p1.np	keyword:transcription(not_available)
22013	OJ000315_05.0411.C8.p1.np	keyword:transcription(not_available)
22014	OJ000315_07.0420.C57.p1.np	keyword:transcription(not_available)
22015	OJ000315_07.0420.C60.p1.np	keyword:transcription(not_available)
22016	OJ000315_22.0413.C9.p1.np	keyword:transcription(not_available)
22017	OJ000315_22.0420.C9.p1.np	keyword:transcription(not_available)
22018	OJ000316_01.0413.C2.p2.np	keyword:transcription(not_available)
22019	OJ000316_01.0413.C2.p3.np	keyword:transcription(not_available)
22020	OJ000320_19.0419.C45.p1.np	keyword:transcription(not_available)
22021	OJ000320_24.0411.C7.p6.np	keyword:transcription(not_available)
22022	OJ000321_11.0419.C21.p1.np	keyword:transcription(not_available)
22023	OJ000321_18.0413.C16.p1.np	keyword:transcription(not_available)
22024	OJ000321_32.0410.C3.p1.np	keyword:transcription(not_available)
22025	OJ000322_05.0419.C32.p1.np	keyword:transcription(not_available)
22026	OJ000322_05.0419.C36.p1.np	keyword:transcription(not_available)
22027	OJ000322_12.0424.C50.p1.np	keyword:transcription(not_available)
22028	OJ000323_03.0419.C3.p1.np	keyword:transcription(not_available)
22029	OJ000323_12.0419.C28.p1.np	keyword:transcription(not_available)
22030	OJ000323_15.0419.C11.p3.np	keyword:transcription(not_available)
22031	OJ000323_16.0421.C64.p1.np	keyword:transcription(not_available)
22032	OJ000324_01.0424.C37.p1.np	keyword:transcription(not_available)
22033	OJ000324_06.0420.C27.p1.np	keyword:transcription(not_available)
22034	OJ000324_06.0420.C4.p1.np	keyword:transcription(not_available)
22035	OJ000324_13.0424.C16.p1.np	keyword:transcription(not_available)
22036	OJ000324_13.0424.C7.p2.np	keyword:transcription(not_available)
22037	OJ000324_35.0424.C14.p2.np	keyword:transcription(not_available)
22038	OJ000327_05.0419.C4.p4.np	keyword:transcription(not_available)

22039	OJ000327_27.0417.C11.p1.np	keyword:transcription(not_availa ble)
22040	OJ000327_27.0417.C2.p1.np	keyword:transcription(not_availa ble)
22041	OJ000327_27.0417.C6.p1.np	keyword:transcription(not_availa ble)
22042	OJ000328_03.0419.C13.p5.np	keyword:transcription(not_availa ble)
22043	OJ000330_03.0419.C44.p1.np	keyword:transcription(not_availa ble)
22044	OJ000330_05.0419.C19.p1.np	keyword:transcription(not_availa ble)
22045	OJ000330_05.0419.C57.p1.np	keyword:transcription(not_availa ble)
22046	OJ000330_24.0419.C9.p1.np	keyword:transcription(not_availa ble)
22047	OJ000331_13.0420.C1.p1.np	keyword:transcription(not_availa ble)
22048	OJ000331_13.0420.C2.p1.np	keyword:transcription(not_availa ble)
22049	OJ000331_24.0424.C22.p2.np	keyword:transcription(not_availa ble)
22050	OJ000331_28.0419.C22.p2.np	keyword:transcription(not_availa ble)
22051	OJ000350_15.0322.C2.p1.np	keyword:transcription(not_availa ble)
22052	OJ000350_66.0407.C36.p3.np	keyword:transcription(not_availa ble)
22053	OJ000450_04.0410.C6.p1.np	keyword:transcription(not_availa ble)
22054	OJ000450_05.0419.C4.p1.np	keyword:transcription(not_availa ble)
22055	OJ990212_06.9819.C20.p1.np	keyword:transcription(not_availa ble)
22056	OJ990311_09.9819.C15.p2.np	keyword:transcription(not_availa ble)
22057	OJ990311_09.9819.C15.p8.np	keyword:transcription(not_availa ble)
22058	OJ990312_01.9A01.C10.p2.np	keyword:transcription(not_availa ble)
22059	OJ990312_01.9A01.C22.p2.np	keyword:transcription(not_availa ble)
22060	OJ990318_03.9A03.C45.p1.np	keyword:transcription(not_availa ble)
22061	OJ990318_03.9A03.C56.p1.np	keyword:transcription(not_availa ble)
22062	OJ990318_06.0228.C75.p1.np	keyword:transcription(not_availa ble)
22063	OJ990318_08.9C23.C42.p1.np	keyword:transcription(not_availa ble)
22064	OJ990318_08.9C23.C89.p4.np	keyword:transcription(not_availa ble)
22065	OJ990318_16.9819.C5.p1.np	keyword:transcription(not_availa ble)

22066	OJ990323_14.9A18.C5.p1.np	keyword:transcription(not_available)
22067	OJ990323_17.9819.C6.p1.np	keyword:transcription(not_available)
22068	OJ990323_22.9819.C5.p2.np	keyword:transcription(not_available)
22069	OJ990323_22.9819.C6.p1.np	keyword:transcription(not_available)
22070	OJ990324_05.9C23.C12.p2.np	keyword:transcription(not_available)
22071	OJ990326_08.9C10.C32.p1.np	keyword:transcription(not_available)
22072	OJ990330_04.9B22.C13.p1.np	keyword:transcription(not_available)
22073	OJ990330_04.9B22.C14.p1.np	keyword:transcription(not_available)
22074	OJ990330_15.9923.C9.p2.np	keyword:transcription(not_available)
22075	OJ990330_16.9923.C8.p4.np	keyword:transcription(not_available)
22076	OJ990330_19.9819.C9.p3.np	keyword:transcription(not_available)
22077	OJ990407_03.0420.C53.p1.np	keyword:transcription(not_available)
22078	OJ990407_11.9922.C14.p3.np	keyword:transcription(not_available)
22079	OJ990407_11.9922.C20.p1.np	keyword:transcription(not_available)
22080	OJ990408_10.9819.C26.p1.np	keyword:transcription(not_available)
22081	OJ990409_05.0419.C29.p2.np	keyword:transcription(not_available)
22082	OJ990414_10.9819.C20.p1.np	keyword:transcription(not_available)
22083	OJ990415_09.9819.C21.p1.np	keyword:transcription(not_available)
22084	OJ990415_09.9819.C21.p4.np	keyword:transcription(not_available)
22085	OJ990415_11.9A07.C14.p10.np	keyword:transcription(not_available)
22086	OJ990419_11.9923.C2.p7.np	keyword:transcription(not_available)
22087	OJ990421_07.9923.C2.p1.np	keyword:transcription(not_available)
22088	OJ990423_08.9924.C12.p1.np	keyword:transcription(not_available)
22089	OJ990426_25.9819.C10.p1.np	keyword:transcription(not_available)
22090	OJ990427_01.9A14.C15.p1.np	keyword:transcription(not_available)
22091	OJ990428_06.9A08.C26.p2.np	keyword:transcription(not_available)
22092	OJ990428_28.9A08.C2.p2.np	keyword:transcription(not_available)

22093	OJ990429_02.0419.C335.p1.np	keyword:transcription(not_available)
22094	OJ990429_02.0419.C426.p1.np	keyword:transcription(not_available)
22095	OJ990429_23.9924.C19.p2.np	keyword:transcription(not_available)
22096	OJ990429_23.9924.C7.p2.np	keyword:transcription(not_available)
22097	OJ990430_09.9924.C7.p1.np	keyword:transcription(not_available)
22098	OJ990430_33.9924.C7.p2.np	keyword:transcription(not_available)
22099	OJ990502_29.9924.C3.p1.np	keyword:transcription(not_available)
22100	OJ990503_03.9A01.C26.p1.np	keyword:transcription(not_available)
22101	OJ990503_03.9A01.C35.p1.np	keyword:transcription(not_available)
22102	OJ990504_06.9C17.C57.p2.np	keyword:transcription(not_available)
22103	OJ990517_13.9A08.C2.p2.np	keyword:transcription(not_available)
22104	OJ990517_24.9A01.C2.p2.np	keyword:transcription(not_available)
22105	OJ990520_06.0103.C104.p6.np	keyword:transcription(not_available)
22106	OJ990520_06.0103.C105.p1.np	keyword:transcription(not_available)
22107	OJ990520_06.0103.C27.p2.np	keyword:transcription(not_available)
22108	OJ990520_13.9922.C16.p1.np	keyword:transcription(not_available)
22109	OJ990520_13.9922.C4.p3.np	keyword:transcription(not_available)
22110	OJ990520_30.9922.C7.p3.np	keyword:transcription(not_available)
22111	OJ990520_31.9819.C4.p2.np	keyword:transcription(not_available)
22112	OJ990525_14.9C03.C9.p16.np	keyword:transcription(not_available)
22113	OJ990525_14.9C03.C9.p17.np	keyword:transcription(not_available)
22114	OJ990526_06.0419.C63.p1.np	keyword:transcription(not_available)
22115	OJ990526_06.0419.C75.p1.np	keyword:transcription(not_available)
22116	OJ990527_24.9A20.C6.p2.np	keyword:transcription(not_available)
22117	OJ990527_26.9C10.C36.p1.np	keyword:transcription(not_available)
22118	OJ990527_26.9C10.C37.p1.np	keyword:transcription(not_available)
22119	OJ990527_26.9C10.C9.p4.np	keyword:transcription(not_available)

22120	OJ990527_27.9B15.C2.p1.np	keyword:transcription(not_available)
22121	OJ990527_36.9922.C5.p9.np	keyword:transcription(not_available)
22122	OJ990612_37.0317.C4.p1.np	keyword:transcription(not_available)
22123	OJ990612_37.9819.C4.p1.np	keyword:transcription(not_available)
22124	OJ990615_10.0419.C115.p1.np	keyword:transcription(not_available)
22125	OJ990616_04.9C17.C7.p1.np	keyword:transcription(not_available)
22126	OJ990616_06.9C10.C39.p1.np	keyword:transcription(not_available)
22127	OJ990616_06.9C10.C40.p2.np	keyword:transcription(not_available)
22128	OJ990616_10.0419.C133.p1.np	keyword:transcription(not_available)
22129	OJ990617_02.9B01.C11.p1.np	keyword:transcription(not_available)
22130	OJ990617_02.9B01.C62.p1.np	keyword:transcription(not_available)
22131	OJ990617_02.9B01.C93.p1.np	keyword:transcription(not_available)
22132	OJ990618_07.9C01.C9.p2.np	keyword:transcription(not_available)
22133	OJ990619_31.9922.C10.p4.np	keyword:transcription(not_available)
22134	OJ990619_33.9922.C8.p3.np	keyword:transcription(not_available)
22135	OJ990619_42.9A26.C16.p1.np	keyword:transcription(not_available)
22136	OJ990619_51.9920.C22.p1.np	keyword:transcription(not_available)
22137	OJ990627_42.9B05.C12.p3.np	keyword:transcription(not_available)
22138	OJ990630_07.9B22.C33.p1.np	keyword:transcription(not_available)
22139	OJ990701_03.9919.C2.p1.np	keyword:transcription(not_available)
22140	OJ990701_04.0103.C8.p1.np	keyword:transcription(not_available)
22141	OJ990701_13.9B05.C7.p1.np	keyword:transcription(not_available)
22142	OJ990705_39.9919.C8.p2.np	keyword:transcription(not_available)
22143	OJ990705_39.9919.C9.p4.np	keyword:transcription(not_available)
22144	OJ990712_08.9B12.C4.p2.np	keyword:transcription(not_available)
22145	OJ990714_02.9C17.C11.p1.np	keyword:transcription(not_available)
22146	OJ990716_08.9A20.C15.p3.np	keyword:transcription(not_available)

22147	OJ990716_08.9A20.C9.p3.np	keyword:transcription(not_available)
22148	OJ990720_10.9C17.C20.p1.np	keyword:transcription(not_available)
22149	OJ990721_02.9B16.C3.p3.np	keyword:transcription(not_available)
22150	OJ990721_12.0210.C23.p1.np	keyword:transcription(not_available)
22151	OJ990726_11.9C03.C4.p1.np	keyword:transcription(not_available)
22152	OJ990810_04.0303.C32.p1.np	keyword:transcription(not_available)
22153	OJ990818_05.9C01.C14.p2.np	keyword:transcription(not_available)
22154	OJ990818_05.9C01.C15.p1.np	keyword:transcription(not_available)
22155	OJ990821_59.9C23.C11.p1.np	keyword:transcription(not_available)
22156	OJ990823_07.9B10.C21.p1.np	keyword:transcription(not_available)
22157	OJ990825_13.9B24.C39.p1.np	keyword:transcription(not_available)
22158	OJ990826_04.9B03.C6.p1.np	keyword:transcription(not_available)
22159	OJ990826_04.9B03.C6.p2.np	keyword:transcription(not_available)
22160	OJ990915_03.9B04.C19.p3.np	keyword:transcription(not_available)
22161	OJ990920_06.9B02.C27.p1.np	keyword:transcription(not_available)
22162	OJ990920_16.0419.C24.p2.np	keyword:transcription(not_available)
22163	OJ990920_16.0419.C25.p1.np	keyword:transcription(not_available)
22164	OJ990920_18.9C06.C7.p1.np	keyword:transcription(not_available)
22165	OJ990921_06.9C10.C1.p3.np	keyword:transcription(not_available)
22166	OJ990922_02.9C17.C17.p2.np	keyword:transcription(not_available)
22167	OJ990930_05.0421.C8.p1.np	keyword:transcription(not_available)
22168	OJ991006_02.0113.C2.p4.np	keyword:transcription(not_available)
22169	OJ991019_16.0118.C17.p1.np	keyword:transcription(not_available)
22170	OJ991019_19.0306.C18.p1.np	keyword:transcription(not_available)
22171	OJ991022_17.0225.C11.p1.np	keyword:transcription(not_available)
22172	OJ991101_10.0225.C10.p1.np	keyword:transcription(not_available)
22173	OJ991102_13.0120.C9.p7.np	keyword:transcription(not_available)

22174	OJ991103_02.0126.C1.p1.np	keyword:transcription(not_availa ble)
22175	OJ991109_03.0218.C5.p5.np	keyword:transcription(not_availa ble)
22176	OJ991109_03.0218.C6.p1.np	keyword:transcription(not_availa ble)
22177	OJ991112_03.0119.C20.p1.np	keyword:transcription(not_availa ble)
22178	OJ991113_35.0112.C2.p7.np	keyword:transcription(not_availa ble)
22179	OJ991113_45.0419.C30.p1.np	keyword:transcription(not_availa ble)
22180	OJ991114_36.0128.C8.p1.np	keyword:transcription(not_availa ble)
22181	OJ991114_46.0419.C13.p1.np	keyword:transcription(not_availa ble)
22182	OJ991116_07.0128.C8.p2.np	keyword:transcription(not_availa ble)
22183	OJ991116_09.0222.C11.p3.np	keyword:transcription(not_availa ble)
22184	OJ991116_09.0414.C12.p3.np	keyword:transcription(not_availa ble)
22185	OJ991116_10.0419.C12.p1.np	keyword:transcription(not_availa ble)
22186	OJ991117_12.0421.C2.p2.np	keyword:transcription(not_availa ble)
22187	OJ991117_16.0419.C7.p1.np	keyword:transcription(not_availa ble)
22188	OJ991121_36.0121.C29.p3.np	keyword:transcription(not_availa ble)
22189	OJ991202_08.9C30.C31.p1.np	keyword:transcription(not_availa ble)
22190	OJ991203_03.0128.C1.p16.np	keyword:transcription(not_availa ble)
22191	OJ991203_03.0128.C1.p2.np	keyword:transcription(not_availa ble)
22192	OJ991203_03.0128.C1.p8.np	keyword:transcription(not_availa ble)
22193	OJ991203_03.0128.C2.p4.np	keyword:transcription(not_availa ble)
22194	OJ991203_19.0126.C9.p2.np	keyword:transcription(not_availa ble)
22195	OJ991203_19.0421.C9.p2.np	keyword:transcription(not_availa ble)
22196	OJ991206_18.0131.C15.p1.np	keyword:transcription(not_availa ble)
22197	OJ991208_04.0128.C18.p1.np	keyword:transcription(not_availa ble)
22198	OJ991211_57.0228.C33.p6.np	keyword:transcription(not_availa ble)
22199	OJ991211_57.0228.C6.p1.np	keyword:transcription(not_availa ble)
22200	OJ991216_11.0113.C22.p2.np	keyword:transcription(not_availa ble)



22201	OJ991217_08.0202.C7.p2.np	keyword:transcription(not_available)
22202	OJ991226_35.0419.C13.p1.np	keyword:transcription(not_available)
22203	OJ991226_45.0419.C3.p3.np	keyword:transcription(not_available)
22204	OJ000229_09.0328.C13.p1.np	keyword:transcription(not_available),keyword:AT-hook(not_available)
22205	OJ000303_08.0404.C3.p2.np	keyword:transcription(not_available),keyword:AT-hook(not_available)
22206	OJ000310_09.0419.C37.p1.np	keyword:transcription(not_available),keyword:ap2(not_available)
22207	OJ990616_06.9C10.C56.p1.np	keyword:transcription(not_available),keyword:ap2(not_available)
22208	OJ990708_04.9A01.C13.p1.np	keyword:transcription(not_available),keyword:ap2(not_available)
22209	OJ000111_20.0215.C4.p3.np	keyword:transcription(not_available),keyword:bzip(not_available)
22210	OJ000111_20.0426.C4.p3.np	keyword:transcription(not_available),keyword:bzip(not_available)
22211	OJ000119_08.0302.C4.p1.np	keyword:transcription(not_available),keyword:bzip(not_available)
22212	OJ000209_22.0228.C8.p2.np	keyword:transcription(not_available),keyword:bzip(not_available)
22213	OJ000323_34.0412.C22.p1.np	keyword:transcription(not_available),keyword:bzip(not_available)
22214	OJ000323_34.0420.C6.p1.np	keyword:transcription(not_available),keyword:bzip(not_available)
22215	OJ000330_03.0419.C32.p1.np	keyword:transcription(not_available),keyword:bzip(not_available)
22216	OJ000331_13.0420.C6.p1.np	keyword:transcription(not_available),keyword:bzip(not_available)
22217	OJ000350_34.0310.C14.p1.np	keyword:transcription(not_available),keyword:bzip(not_available)
22218	OJ000350_34.0310.C40.p1.np	keyword:transcription(not_available),keyword:bzip(not_available)
22219	OJ000350_34.0310.C8.p1.np	keyword:transcription(not_available),keyword:bzip(not_available)
22220	OJ990518_08.9C03.C1.p1.np	keyword:transcription(not_available),keyword:bzip(not_available)
22221	OJ990804_14.9B12.C25.p2.np	keyword:transcription(not_available),keyword:bzip(not_available)
22222	OJ990810_15.0216.C30.p1.np	keyword:transcription(not_available),keyword:bzip(not_available)
22223	OJ990810_15.0216.C37.p3.np	keyword:transcription(not_available),keyword:bzip(not_available)
22224	OJ990810_16.0310.C26.p1.np	keyword:transcription(not_available),keyword:bzip(not_available)
22225	OJ990810_16.0310.C29.p1.np	keyword:transcription(not_available),keyword:bzip(not_available)
22226	OJ990810_16.0310.C59.p1.np	keyword:transcription(not_available),keyword:bzip(not_available)

22227	OJ990821_45.0103.C7.p2.np	keyword:transcription(not_available),keyword:bzip(not_available)
22228	OJ990907_11.0103.C3.p1.np	keyword:transcription(not_available),keyword:bzip(not_available)
22229	OJ000150_31.0124.C11.p1.np	keyword:transcription(not_available),keyword:dna-binding(not_available)
22230	OJ000150_31.0124.C16.p1.np	keyword:transcription(not_available),keyword:dna-binding(not_available)
22231	OJ990510_04.9919.C20.p2.np	keyword:transcription(not_available),keyword:dna-binding(not_available)
22232	OJ990923_18.9B12.C12.p2.np	keyword:transcription(not_available),keyword:dna-binding(not_available)
22233	OJ991208_14.0104.C20.p1.np	keyword:transcription(not_available),keyword:dna-binding(not_available)
22234	OJ991214_09.0112.C5.p2.np	keyword:transcription(not_available),keyword:dna-binding(not_available)
22235	OJ000208_05.0322.C24.p3.np	keyword:transcription(not_available),keyword:homeodomain(not_available)
22236	OJ000315_30.0419.C15.p1.np	keyword:transcription(not_available),keyword:homeodomain(not_available)
22237	OJ000330_03.0419.C51.p2.np	keyword:transcription(not_available),keyword:homeodomain(not_available)
22238	OJ000330_03.0419.C52.p1.np	keyword:transcription(not_available),keyword:homeodomain(not_available)
22239	OJ990526_09.9924.C10.p1.np	keyword:transcription(not_available),keyword:homeodomain(not_available)
22240	OJ990617_05.9924.C8.p1.np	keyword:transcription(not_available),keyword:homeodomain(not_available)
22241	OJ991217_13.0118.C1.p1.np	keyword:transcription(not_available),keyword:homeodomain(not_available)
22242	OJ990602_04.0103.C54.p1.np	keyword:transcription(not_available),keyword:mads(not_available)
22243	OJ990604_02.9A01.C31.p1.np	keyword:transcription(not_available),keyword:mads(not_available)
22244	OJ000315_38.0419.C29.p1.np	keyword:transcription(not_available),keyword:myb(not_available)
22245	OJ000403_26.0419.C22.p2.np	keyword:transcription(not_available),keyword:myb(not_available)
22246	OJ990324_01.0103.C38.p1.np	keyword:transcription(not_available)

22247	OJ990602_03.0107.C7.p1.np	ble),keyword:myb(not_available) keyword:transcription(not_available),keyword:myb(not_available)
22248	OJ000214_08.0419.C20.p1.np	keyword:transcription(not_available),keyword:myb(not_available) ,keyword:dna-binding(not_available)
22249	OJ000323_38.0418.C26.p1.np	keyword:transcription(not_available),keyword:myb(not_available) ,keyword:dna-binding(not_available)
22250	OJ990520_01.9B12.C56.p1.np	keyword:transcription(not_available),keyword:myb(not_available) ,keyword:dna-binding(not_available)
22251	OJ990528_25.9B19.C9.p1.np	keyword:transcription(not_available),keyword:myb(not_available) ,keyword:dna-binding(not_available)
22252	OJ991121_41.0421.C6.p1.np	keyword:transcription(not_available),keyword:myb(not_available) ,keyword:dna-binding(not_available)
22253	OJ991121_41.9C28.C6.p1.np	keyword:transcription(not_available),keyword:myb(not_available) ,keyword:dna-binding(not_available)
22254	OJ990515_21.9922.C12.p1.np	keyword:transcription(not_available),keyword:zinc-finger(not_available)
22255	OJ990528_10.0419.C67.p1.np	keyword:transcription(not_available),keyword:zinc-finger(not_available)
22256	OJ991216_02.0218.C17.p1.np	keyword:transcription(not_available),keyword:zinc-finger(not_available)
22257	OJ991216_02.0218.C20.p1.np	keyword:transcription(not_available),keyword:zinc-finger(not_available)
22258	OJ000107_15.0222.C7.p1.np	keyword:zinc-finger(not_available)
22259	OJ000108_35.0406.C2.p1.np	keyword:zinc-finger(not_available)
22260	OJ000108_35.0426.C2.p1.np	keyword:zinc-finger(not_available)
22261	OJ000108_59.0310.C10.p1.np	keyword:zinc-finger(not_available)
22262	OJ000112_19.0225.C6.p3.np	keyword:zinc-finger(not_available)
22263	OJ000113_05.0222.C3.p2.np	keyword:zinc-finger(not_available)
22264	OJ000113_05.0426.C3.p2.np	keyword:zinc-finger(not_available)
22265	OJ000113_24.0203.C10.p3.np	keyword:zinc-

22266	OJ000114_24.0315.C4.p1.np	finger(not_available) keyword:zinc-
22267	OJ000118_04.0218.C10.p1.np	finger(not_available) keyword:zinc-
22268	OJ000118_20.0222.C20.p1.np	finger(not_available) keyword:zinc-
22269	OJ000118_23.0419.C11.p1.np	finger(not_available) keyword:zinc-
22270	OJ000122_43.0303.C6.p2.np	finger(not_available) keyword:zinc-
22271	OJ000150_15.0124.C9.p2.np	finger(not_available) keyword:zinc-
22272	OJ000207_21.0419.C26.p2.np	finger(not_available) keyword:zinc-
22273	OJ000208_25.0419.C37.p2.np	finger(not_available) keyword:zinc-
22274	OJ000210_12.0419.C6.p2.np	finger(not_available) keyword:zinc-
22275	OJ000214_25.0320.C24.p1.np	finger(not_available) keyword:zinc-
22276	OJ000223_06.0316.C3.p1.np	finger(not_available) keyword:zinc-
22277	OJ000250_10.0209.C2.p2.np	finger(not_available) keyword:zinc-
22278	OJ000250_28.0208.C8.p2.np	finger(not_available) keyword:zinc-
22279	OJ000251_11.0419.C8.p1.np	finger(not_available) keyword:zinc-
22280	OJ000301_06.0419.C17.p3.np	finger(not_available) keyword:zinc-
22281	OJ000301_23.0419.C25.p1.np	finger(not_available) keyword:zinc-
22282	OJ000301_23.0419.C26.p2.np	finger(not_available) keyword:zinc-
22283	OJ000302_26.0419.C44.p3.np	finger(not_available) keyword:zinc-
22284	OJ000310_28.0419.C8.p3.np	finger(not_available) keyword:zinc-
22285	OJ000314_28.0405.C7.p1.np	finger(not_available) keyword:zinc-
22286	OJ000314_28.0405.C8.p1.np	finger(not_available) keyword:zinc-
22287	OJ000315_06.0413.C5.p2.np	finger(not_available) keyword:zinc-
22288	OJ000315_06.0420.C4.p2.np	finger(not_available) keyword:zinc-
22289	OJ000315_38.0419.C7.p1.np	finger(not_available) keyword:zinc-
22290	OJ000316_06.0418.C27.p1.np	finger(not_available) keyword:zinc-
22291	OJ000316_29.0424.C49.p1.np	finger(not_available) keyword:zinc-
22292	OJ000323_25.0420.C16.p1.np	finger(not_available) keyword:zinc-

22293	OJ000328_01.0419.C29.p1.np	finger(not_available) keyword:zinc-
22294	OJ000330_17.0421.C5.p1.np	finger(not_available) keyword:zinc-
22295	OJ000331_01.0419.C17.p1.np	finger(not_available) keyword:zinc-
22296	OJ000331_04.0419.C52.p2.np	finger(not_available) keyword:zinc-
22297	OJ000350_13.0310.C31.p1.np	finger(not_available) keyword:zinc-
22298	OJ000350_34.0310.C7.p1.np	finger(not_available) keyword:zinc-
22299	OJ000350_68.0327.C17.p2.np	finger(not_available) keyword:zinc-
22300	OJ000403_02.0421.C3.p2.np	finger(not_available) keyword:zinc-
22301	OJ000404_31.0419.C32.p2.np	finger(not_available) keyword:zinc-
22302	OJ990317_03.9922.C25.p1.np	finger(not_available) keyword:zinc-
22303	OJ990318_08.9C23.C96.p1.np	finger(not_available) keyword:zinc-
22304	OJ990318_08.9C23.C97.p1.np	finger(not_available) keyword:zinc-
22305	OJ990323_12.0103.C116.p1.np	finger(not_available) keyword:zinc-
22306	OJ990323_14.9A18.C7.p1.np	finger(not_available) keyword:zinc-
22307	OJ990325_08.0419.C1.p1.np	finger(not_available) keyword:zinc-
22308	OJ990325_08.0419.C25.p1.np	finger(not_available) keyword:zinc-
22309	OJ990325_08.9524.C37.p1.np	finger(not_available) keyword:zinc-
22310	OJ990325_08.9524.C38.p1.np	finger(not_available) keyword:zinc-
22311	OJ990330_19.9819.C9.p4.np	finger(not_available) keyword:zinc-
22312	OJ990406_06.9819.C64.p1.np	finger(not_available) keyword:zinc-
22313	OJ990408_10.9819.C26.p2.np	finger(not_available) keyword:zinc-
22314	OJ990412_08.9923.C18.p1.np	finger(not_available) keyword:zinc-
22315	OJ990412_09.9923.C15.p1.np	finger(not_available) keyword:zinc-
22316	OJ990419_07.9923.C17.p1.np	finger(not_available) keyword:zinc-
22317	OJ990422_24.9924.C2.p2.np	finger(not_available) keyword:zinc-
22318	OJ990423_08.9924.C10.p1.np	finger(not_available) keyword:zinc-
22319	OJ990423_08.9924.C24.p1.np	keyword:zinc-

22320	OJ990423_08.9924.C9.p1.np	finger(not_available) keyword:zinc-
22321	OJ990428_05.9819.C55.p2.np	finger(not_available) keyword:zinc-
22322	OJ990428_08.9924.C14.p1.np	finger(not_available) keyword:zinc-
22323	OJ990428_08.9924.C36.p2.np	finger(not_available) keyword:zinc-
22324	OJ990428_22.9924.C5.p2.np	finger(not_available) keyword:zinc-
22325	OJ990430_01.9C03.C68.p2.np	finger(not_available) keyword:zinc-
22326	OJ990504_02.9A01.C24.p2.np	finger(not_available) keyword:zinc-
22327	OJ990517_03.9C03.C27.p1.np	finger(not_available) keyword:zinc-
22328	OJ990517_24.9A01.C2.p1.np	finger(not_available) keyword:zinc-
22329	OJ990524_03.0103.C38.p1.np	finger(not_available) keyword:zinc-
22330	OJ990524_07.0128.C6.p1.np	finger(not_available) keyword:zinc-
22331	OJ990528_32.9922.C7.p1.np	finger(not_available) keyword:zinc-
22332	OJ990601_07.9B12.C14.p2.np	finger(not_available) keyword:zinc-
22333	OJ990601_07.9B12.C15.p1.np	finger(not_available) keyword:zinc-
22334	OJ990601_07.9B12.C37.p1.np	finger(not_available) keyword:zinc-
22335	OJ990602_02.0421.C16.p1.np	finger(not_available) keyword:zinc-
22336	OJ990602_02.0421.C29.p3.np	finger(not_available) keyword:zinc-
22337	OJ990602_02.9C20.C16.p1.np	finger(not_available) keyword:zinc-
22338	OJ990602_02.9C20.C35.p3.np	finger(not_available) keyword:zinc-
22339	OJ990602_02.9C20.C35.p4.np	finger(not_available) keyword:zinc-
22340	OJ990605_30.0419.C41.p1.np	finger(not_available) keyword:zinc-
22341	OJ990605_32.9C03.C4.p1.np	finger(not_available) keyword:zinc-
22342	OJ990612_32.9A01.C9.p2.np	finger(not_available) keyword:zinc-
22343	OJ990626_40.0211.C12.p2.np	finger(not_available) keyword:zinc-
22344	OJ990709_06.9927.C1.p1.np	finger(not_available) keyword:zinc-
22345	OJ990712_06.9922.C5.p2.np	finger(not_available) keyword:zinc-
22346	OJ990713_11.9B12.C12.p2.np	finger(not_available) keyword:zinc-

22347	OJ990808_31.0103.C20.p1.np	finger(not_available) keyword:zinc-
22348	OJ990808_35.9C09.C5.p5.np	finger(not_available) keyword:zinc-
22349	OJ990808_36.9C20.C5.p7.np	finger(not_available) keyword:zinc-
22350	OJ990808_39.0421.C12.p1.np	finger(not_available) keyword:zinc-
22351	OJ990808_39.0421.C9.p1.np	finger(not_available) keyword:zinc-
22352	OJ990808_39.9C20.C13.p1.np	finger(not_available) keyword:zinc-
22353	OJ990808_39.9C20.C9.p1.np	finger(not_available) keyword:zinc-
22354	OJ990808_42.0204.C17.p4.np	finger(not_available) keyword:zinc-
22355	OJ990808_47.9C20.C3.p7.np	finger(not_available) keyword:zinc-
22356	OJ990810_15.0216.C28.p1.np	finger(not_available) keyword:zinc-
22357	OJ990810_16.0310.C28.p1.np	finger(not_available) keyword:zinc-
22358	OJ990816_08.0419.C29.p1.np	finger(not_available) keyword:zinc-
22359	OJ990816_08.0419.C30.p1.np	finger(not_available) keyword:zinc-
22360	OJ990817_15.0419.C35.p1.np	finger(not_available) keyword:zinc-
22361	OJ990823_06.9B03.C8.p2.np	finger(not_available) keyword:zinc-
22362	OJ990823_15.9B09.C10.p1.np	finger(not_available) keyword:zinc-
22363	OJ990823_15.9B09.C11.p1.np	finger(not_available) keyword:zinc-
22364	OJ990823_15.9B09.C11.p2.np	finger(not_available) keyword:zinc-
22365	OJ990824_03.0105.C4.p1.np	finger(not_available) keyword:zinc-
22366	OJ990920_18.9C06.C25.p2.np	finger(not_available) keyword:zinc-
22367	OJ990923_03.9B10.C8.p1.np	finger(not_available) keyword:zinc-
22368	OJ990923_03.9B10.C8.p2.np	finger(not_available) keyword:zinc-
22369	OJ990930_04.9C01.C6.p1.np	finger(not_available) keyword:zinc-
22370	OJ991008_20.0419.C28.p1.np	finger(not_available) keyword:zinc-
22371	OJ991014_02.0110.C25.p1.np	finger(not_available) keyword:zinc-
22372	OJ991021_03.0413.C25.p3.np	finger(not_available) keyword:zinc-
22373	OJ991027_16.0118.C17.p2.np	keyword:zinc-

22374	OJ991029_03.0127.C5.p4.np	finger(not_available) keyword:zinc-
22375	OJ991101_09.0131.C23.p1.np	finger(not_available) keyword:zinc-
22376	OJ991101_09.0131.C25.p1.np	finger(not_available) keyword:zinc-
22377	OJ991101_09.0131.C25.p2.np	finger(not_available) keyword:zinc-
22378	OJ991106_34.9C09.C6.p1.np	finger(not_available) keyword:zinc-
22379	OJ991107_38.9C13.C14.p1.np	finger(not_available) keyword:zinc-
22380	OJ991107_38.9C13.C4.p3.np	finger(not_available) keyword:zinc-
22381	OJ991107_38.9C13.C5.p1.np	finger(not_available) keyword:zinc-
22382	OJ991108_17.0417.C4.p1.np	finger(not_available) keyword:zinc-
22383	OJ991108_18.0331.C11.p4.np	finger(not_available) keyword:zinc-
22384	OJ991110_05.0307.C12.p3.np	finger(not_available) keyword:zinc-
22385	OJ991114_35.0419.C25.p1.np	finger(not_available) keyword:zinc-
22386	OJ991114_41.9C06.C6.p2.np	finger(not_available) keyword:zinc-
22387	OJ991114_41.9C06.C6.p5.np	finger(not_available) keyword:zinc-
22388	OJ991117_12.0421.C22.p1.np	finger(not_available) keyword:zinc-
22389	OJ991121_47.9C30.C11.p1.np	finger(not_available) keyword:zinc-
22390	OJ991122_11.0207.C8.p2.np	finger(not_available) keyword:zinc-
22391	OJ991208_08.0128.C5.p2.np	finger(not_available) keyword:zinc-
22392	OJ991209_08.0222.C4.p8.np	finger(not_available) keyword:zinc-
22393	OJ991216_07.0301.C8.p11.np	finger(not_available) keyword:zinc-
22394	OJ991216_07.0301.C9.p1.np	finger(not_available) keyword:zinc-
22395	OJ991217_19.0128.C4.p5.np	finger(not_available) keyword:zinc-
22396	OJ991225_70.0308.C19.p2.np	finger(not_available) keyword:zinc-
22397	OJ990601_02.9C17.C4.p2.np	finger(not_available),keyword:C ONSTANS(not_available)
22398	OJ991208_04.0128.C14.p2.np	finger(not_available),keyword:C ONSTANS(not_available)
22399	OJ000107_15.0426.C7.p1.np	keyword:zinc-



22400	OJ000118_04.0310.C9.p1.np	finger(not_available),keyword:zinc-finger(not_available) keyword:zinc-finger(not_available),keyword:zinc-finger(not_available)
22401	OJ000207_11.0306.C8.p1.np	keyword:zinc-finger(not_available),keyword:zinc-finger(not_available)
22402	OJ000214_22.0328.C2.p2.np	keyword:zinc-finger(not_available),keyword:zinc-finger(not_available)
22403	OJ991122_11.0317.C7.p2.np	keyword:zinc-finger(not_available),keyword:zinc-finger(not_available)
22404	OJ000102_56.0407.C45.p2.np	lim(HMM:4.1e-28)
22405	OJ000102_56.0426.C45.p2.np	lim(HMM:4.1e-28)
22406	OJ000251_42.0328.C11.p2.np	lim(HMM:3e-26)
22407	OJ000301_15.0330.C7.p1.np	lim(HMM:4.4e-33)
22408	OJ000307_05.0403.C12.p2.np	lim(HMM:7.1e-34)
22409	OJ000310_31.0425.C12.p1.np	lim(HMM:1.4e-16)
22410	OJ000320_39.0418.C4.p2.np	lim(HMM:6e-17)
22411	OJ000323_09.0424.C18.p1.np	lim(HMM:4.4e-33)
22412	OJ000450_09.0412.C2.p5.np	lim(HMM:7.1e-34)
22413	OJ990420_06.9923.C24.p1.np	lim(HMM:7.1e-34)
22414	OJ990503_01.9A29.C47.p2.np	lim(HMM:7.1e-34)
22415	OJ991011_05.0103.C7.p1.np	lim(HMM:4.4e-33)
22416	OJ991111_07.0330.C4.p8.np	lim(HMM:2.7),zf-c3hc4(HMM:3.6e-25)
22417	OJ000150_00.0124.C64.p1.np	linker_histone(HMM:3.3e-31)
22418	OJ000322_06.0424.C18.p2.np	linker_histone(HMM:5.1e-19)
22419	OJ990323_15.9A11.C4.p1.np	linker_histone(HMM:3.3e-31)
22420	OJ990515_23.9A07.C3.p2.np	linker_histone(HMM:4.9e-32)
22421	OJ990907_15.9C03.C5.p2.np	linker_histone(HMM:9.5e-24)
22422	OJ991115_07.0218.C7.p1.np	linker_histone(HMM:2.9e-20)
22423	OJ000102_56.0407.C45.p7.np	myb_dna-binding(HMM:0.00015)
22424	OJ000102_56.0426.C45.p7.np	myb_dna-binding(HMM:0.00015)
22425	OJ000108_30.0403.C40.p1.np	myb_dna-binding(HMM:5e-40)
22426	OJ000108_30.0403.C40.p2.np	myb_dna-binding(HMM:2.3)
22427	OJ000108_30.0426.C40.p1.np	myb_dna-binding(HMM:5e-40)
22428	OJ000108_30.0426.C40.p2.np	myb_dna-binding(HMM:2.3)
22429	OJ000110_04.0426.C9.p2.np	myb_dna-binding(HMM:0.0062)
22430	OJ000112_16.0202.C3.p1.np	myb_dna-binding(HMM:5e-41)
22431	OJ000112_16.0426.C3.p1.np	myb_dna-binding(HMM:5e-41)
22432	OJ000114_03.0320.C13.p1.np	myb_dna-binding(HMM:2e-40)
22433	OJ000114_03.0320.C13.p2.np	myb_dna-binding(HMM:2.3)
22434	OJ000117_03.0225.C6.p1.np	myb_dna-binding(HMM:2e-40)
22435	OJ000117_03.0225.C6.p2.np	myb_dna-binding(HMM:2.3)
22436	OJ000117_03.0317.C9.p1.np	myb_dna-binding(HMM:2e-40)
22437	OJ000118_13.0419.C5.p1.np	myb_dna-binding(HMM:2e-11)
22438	OJ000126_12.0229.C6.p3.np	myb_dna-binding(HMM:4.5e-36)
22439	OJ000150_17.0124.C39.p2.np	myb_dna-binding(HMM:7.4e-44)
22440	OJ000150_24.0124.C2.p2.np	myb_dna-binding(HMM:1.2e-46)

22441	OJ000207_08.0302.C14.p1.np	myb_dna-binding(HMM:0.0017)
22442	OJ000207_17.0306.C10.p1.np	myb_dna-binding(HMM:5.2e-38)
22443	OJ000207_17.0323.C8.p1.np	myb_dna-binding(HMM:5.2e-38)
22444	OJ000207_21.0419.C15.p1.np	myb_dna-binding(HMM:1.8e-06)
22445	OJ000209_08.0309.C18.p2.np	myb_dna-binding(HMM:1.4e-39)
22446	OJ000209_09.0301.C16.p1.np	myb_dna-binding(HMM:6.6e-17)
22447	OJ000209_09.0301.C7.p3.np	myb_dna-binding(HMM:1.2e-09)
22448	OJ000209_09.0323.C13.p1.np	myb_dna-binding(HMM:6.6e-17)
22449	OJ000209_13.0316.C5.p1.np	myb_dna-binding(HMM:3.3e-30)
22450	OJ000209_23.0320.C5.p3.np	myb_dna-binding(HMM:1.4e-39)
22451	OJ000210_18.0310.C13.p1.np	myb_dna-binding(HMM:4e-43)
22452	OJ000221_09.0419.C19.p1.np	myb_dna-binding(HMM:1.1e-56)
22453	OJ000222_08.0317.C5.p1.np	myb_dna-binding(HMM:3e-42)
22454	OJ000222_12.0404.C10.p1.np	myb_dna-binding(HMM:5.2e-30)
22455	OJ000229_14.0327.C16.p1.np	myb_dna-binding(HMM:1.9e-21)
22456	OJ000229_14.0327.C6.p1.np	myb_dna-binding(HMM:1.8e-43)
22457	OJ000229_23.0323.C13.p1.np	myb_dna-binding(HMM:2.9e-12)
22458	OJ000229_23.0323.C25.p2.np	myb_dna-binding(HMM:0.041)
22459	OJ000250_27.0208.C2.p1.np	myb_dna-binding(HMM:0.13)
22460	OJ000250_27.0208.C3.p1.np	myb_dna-binding(HMM:7.7e-23)
22461	OJ000250_27.0303.C17.p1.np	myb_dna-binding(HMM:7.4e-44)
22462	OJ000250_37.0210.C13.p1.np	myb_dna-binding(HMM:1.8e-38)
22463	OJ000250_40.0211.C23.p2.np	myb_dna-binding(HMM:9e-59)
22464	OJ000250_45.0211.C9.p1.np	myb_dna-binding(HMM:7.5e-14)
22465	OJ000250_46.0303.C2.p2.np	myb_dna-binding(HMM:5.9e-28)
22466	OJ000250_47.0215.C8.p3.np	myb_dna-binding(HMM:9.5)
22467	OJ000250_47.0303.C8.p3.np	myb_dna-binding(HMM:9.5)
22468	OJ000250_48.0211.C1.p2.np	myb_dna-binding(HMM:1.2e-46)
22469	OJ000250_89.0214.C6.p1.np	myb_dna-binding(HMM:4e-11)
22470	OJ000250_91.0405.C8.p1.np	myb_dna-binding(HMM:0.00072)
22471	OJ000251_42.0328.C13.p3.np	myb_dna-binding(HMM:0.00015)
22472	OJ000301_13.0330.C21.p5.np	myb_dna-binding(HMM:4.6e-14)
22473	OJ000301_13.0330.C21.p6.np	myb_dna-binding(HMM:9.1e-19)
22474	OJ000301_13.0330.C6.p1.np	myb_dna-binding(HMM:5.5e-37)
22475	OJ000302_04.0410.C11.p1.np	myb_dna-binding(HMM:8.4e-41)
22476	OJ000302_15.0331.C20.p1.np	myb_dna-binding(HMM:8.5e-18)
22477	OJ000303_15.0419.C22.p1.np	myb_dna-binding(HMM:5.5e-37)
22478	OJ000306_09.0407.C21.p1.np	myb_dna-binding(HMM:9.4e-11)
22479	OJ000313_29.0419.C8.p2.np	myb_dna-binding(HMM:2.8e-19)
22480	OJ000314_12.0418.C3.p2.np	myb_dna-binding(HMM:7e-43)
22481	OJ000314_35.0419.C13.p1.np	myb_dna-binding(HMM:1.5e-14)
22482	OJ000315_06.0413.C16.p1.np	myb_dna-binding(HMM:1.7e-26)
22483	OJ000315_06.0420.C18.p1.np	myb_dna-binding(HMM:1.7e-26)
22484	OJ000315_22.0413.C6.p2.np	myb_dna-binding(HMM:0.11)
22485	OJ000315_22.0420.C6.p2.np	myb_dna-binding(HMM:0.11)
22486	OJ000315_30.0419.C3.p2.np	myb_dna-binding(HMM:3e-37)
22487	OJ000315_40.0420.C11.p3.np	myb_dna-binding(HMM:3.5e-41)
22488	OJ000316_14.0419.C8.p1.np	myb_dna-binding(HMM:4.7e-37)
22489	OJ000316_33.0410.C24.p1.np	myb_dna-binding(HMM:0.00028)
22490	OJ000316_33.0410.C55.p1.np	myb_dna-binding(HMM:4.5e-06)
22491	OJ000320_11.0419.C19.p1.np	myb_dna-binding(HMM:3.5e-20)

22492	OJ000320_11.0419.C24.p1.np	myb_dna-binding(HMM:1.9e-40)
22493	OJ000320_14.0419.C18.p3.np	myb_dna-binding(HMM:3e-59)
22494	OJ000321_03.0417.C6.p1.np	myb_dna-binding(HMM:7.8e-44)
22495	OJ000321_03.0426.C4.p1.np	myb_dna-binding(HMM:7.8e-44)
22496	OJ000321_07.0419.C3.p1.np	myb_dna-binding(HMM:7e-43)
22497	OJ000321_15.0419.C23.p1.np	myb_dna-binding(HMM:1.2e-14)
22498	OJ000321_15.0419.C33.p1.np	myb_dna-binding(HMM:8.1e-33)
22499	OJ000321_23.0424.C32.p1.np	myb_dna-binding(HMM:2.7e-19)
22500	OJ000321_37.0419.C14.p1.np	myb_dna-binding(HMM:0.035)
22501	OJ000321_37.0419.C14.p2.np	myb_dna-binding(HMM:0.035)
22502	OJ000322_20.0419.C24.p1.np	myb_dna-binding(HMM:4.7e-32)
22503	OJ000323_30.0420.C9.p4.np	myb_dna-binding(HMM:2.8e-06)
22504	OJ000323_38.0418.C27.p1.np	myb_dna-binding(HMM:2e-06)
22505	OJ000324_03.0419.C5.p1.np	myb_dna-binding(HMM:2.3e-08)
22506	OJ000327_02.0418.C8.p1.np	myb_dna-binding(HMM:1.1e-37)
22507	OJ000330_31.0424.C25.p1.np	myb_dna-binding(HMM:7.6e-37)
22508	OJ000330_31.0424.C28.p1.np	myb_dna-binding(HMM:1.5e-32)
22509	OJ000330_36.0424.C6.p1.np	myb_dna-binding(HMM:2e-40)
22510	OJ000330_36.0424.C6.p2.np	myb_dna-binding(HMM:1.3)
22511	OJ000331_08.0419.C35.p1.np	myb_dna-binding(HMM:6.6e-26)
22512	OJ000350_22.0419.C6.p1.np	myb_dna-binding(HMM:1.8e-42)
22513	OJ000350_36.0314.C7.p4.np	myb_dna-binding(HMM:5.8e-41)
22514	OJ000350_37.0314.C11.p2.np	myb_dna-binding(HMM:1.1e-33)
22515	OJ000350_38.0313.C9.p1.np	myb_dna-binding(HMM:1e-05)
22516	OJ000350_39.0314.C2.p5.np	myb_dna-binding(HMM:3e-42)
22517	OJ000403_04.0421.C14.p1.np	myb_dna-binding(HMM:0.34)
22518	OJ000403_04.0421.C14.p2.np	myb_dna-binding(HMM:0.34)
22519	OJ000404_27.0421.C2.p1.np	myb_dna-binding(HMM:1.2e-42)
22520	OJ990105_08.9819.C26.p1.np	myb_dna-binding(HMM:0.001)
22521	OJ990201_04.9819.C8.p1.np	myb_dna-binding(HMM:4.5e-43)
22522	OJ990203_02.9819.C24.p4.np	myb_dna-binding(HMM:0.0034)
22523	OJ990203_06.9819.C1.p1.np	myb_dna-binding(HMM:8.8e-42)
22524	OJ990203_06.9819.C42.p1.np	myb_dna-binding(HMM:5.6e-07)
22525	OJ990304_02.9B12.C1.p2.np	myb_dna-binding(HMM:2.3e-39)
22526	OJ990310_04.9819.C14.p1.np	myb_dna-binding(HMM:4.4e-32)
22527	OJ990311_11.9819.C26.p1.np	myb_dna-binding(HMM:0.00072)
22528	OJ990312_09.9B12.C38.p1.np	myb_dna-binding(HMM:2e-40)
22529	OJ990319_07.9819.C49.p2.np	myb_dna-binding(HMM:6.8e-24)
22530	OJ990324_01.0103.C55.p2.np	myb_dna-binding(HMM:4.7e-42)
22531	OJ990330_16.9923.C9.p1.np	myb_dna-binding(HMM:4.1e-09)
22532	OJ990407_02.9923.C33.p1.np	myb_dna-binding(HMM:5.5e-37)
22533	OJ990407_03.0420.C71.p1.np	myb_dna-binding(HMM:2.1e-05)
22534	OJ990407_03.0420.C8.p2.np	myb_dna-binding(HMM:4.4e-40)
22535	OJ990407_03.9819.C5.p1.np	myb_dna-binding(HMM:5e-40)
22536	OJ990407_11.9922.C13.p3.np	myb_dna-binding(HMM:2e-14)
22537	OJ990415_02.0103.C3.p5.np	myb_dna-binding(HMM:4e-16)
22538	OJ990423_05.9C10.C14.p1.np	myb_dna-binding(HMM:1.9e-43)
22539	OJ990423_05.9C10.C38.p1.np	myb_dna-binding(HMM:5.4e-15)
22540	OJ990426_20.9924.C6.p1.np	myb_dna-binding(HMM:8.7e-20)
22541	OJ990430_26.9B12.C3.p3.np	myb_dna-binding(HMM:0.061)
22542	OJ990430_26.9B12.C3.p6.np	myb_dna-binding(HMM:0.34)
22543	OJ990430_26.9B12.C3.p7.np	myb_dna-binding(HMM:0.34)
22544	OJ990501_23.9C03.C1.p4.np	myb_dna-binding(HMM:1.5)

22545	OJ990502_23.9B12.C8.p5.np	myb_dna-binding(HMM:0.0034)
22546	OJ990503_05.9B12.C19.p2.np	myb_dna-binding(HMM:2e-11)
22547	OJ990503_28.9924.C2.p1.np	myb_dna-binding(HMM:0.0015)
22548	OJ990505_06.9A11.C25.p1.np	myb_dna-binding(HMM:0.00085)
22549	OJ990520_12.9A19.C2.p1.np	myb_dna-binding(HMM:1.1e-37)
22550	OJ990527_20.0419.C28.p1.np	myb_dna-binding(HMM:2.9e-12)
22551	OJ990527_23.9C10.C1.p3.np	myb_dna-binding(HMM:2.9e-32)
22552	OJ990527_23.9C10.C5.p1.np	myb_dna-binding(HMM:2.9e-12)
22553	OJ990527_23.9C10.C9.p2.np	myb_dna-binding(HMM:0.041)
22554	OJ990527_26.9C10.C4.p3.np	myb_dna-binding(HMM:0.0048)
22555	OJ990528_20.9B10.C7.p2.np	myb_dna-binding(HMM:7.1e-28)
22556	OJ990528_25.9B19.C8.p1.np	myb_dna-binding(HMM:3.9e-12)
22557	OJ990602_02.0421.C21.p2.np	myb_dna-binding(HMM:1.5e-41)
22558	OJ990602_02.9C20.C21.p2.np	myb_dna-binding(HMM:1.5e-41)
22559	OJ990602_03.0107.C20.p1.np	myb_dna-binding(HMM:2.1e-42)
22560	OJ990603_08.0419.C29.p1.np	myb_dna-binding(HMM:1.7e-17)
22561	OJ990603_08.0419.C29.p2.np	myb_dna-binding(HMM:1.7e-17)
22562	OJ990605_41.0225.C5.p2.np	myb_dna-binding(HMM:6e-39)
22563	OJ990605_41.0225.C5.p7.np	myb_dna-binding(HMM:0.0062)
22564	OJ990605_42.9C03.C4.p2.np	myb_dna-binding(HMM:1.9e-10)
22565	OJ990612_34.9A01.C4.p1.np	myb_dna-binding(HMM:4.3e-41)
22566	OJ990617_05.9924.C12.p2.np	myb_dna-binding(HMM:0.015)
22567	OJ990617_05.9924.C14.p1.np	myb_dna-binding(HMM:4.1e-20)
22568	OJ990617_14.9B23.C10.p1.np	myb_dna-binding(HMM:0.07)
22569	OJ990621_04.9C03.C20.p1.np	myb_dna-binding(HMM:5.8e-20)
22570	OJ990703_47.9C16.C3.p2.np	myb_dna-binding(HMM:3.9e-12)
22571	OJ990708_12.9919.C4.p3.np	myb_dna-binding(HMM:3.3e-37)
22572	OJ990709_03.9C01.C2.p5.np	myb_dna-binding(HMM:0.24)
22573	OJ990713_04.9C17.C21.p1.np	myb_dna-binding(HMM:1.5e-11)
22574	OJ990713_05.9924.C8.p2.np	myb_dna-binding(HMM:0.066)
22575	OJ990713_11.9B12.C13.p1.np	myb_dna-binding(HMM:7.1e-14)
22576	OJ990730_08.9C10.C3.p8.np	myb_dna-binding(HMM:1.5e-11)
22577	OJ990730_14.0419.C28.p1.np	myb_dna-binding(HMM:4.1e-06)
22578	OJ990802_13.9920.C1.p11.np	myb_dna-binding(HMM:0.035)
22579	OJ990808_36.9C20.C8.p2.np	myb_dna-binding(HMM:8.6e-37)
22580	OJ990808_57.0118.C7.p4.np	myb_dna-binding(HMM:5.8e-20)
22581	OJ990810_05.9B08.C11.p4.np	myb_dna-binding(HMM:0.00013)
22582	OJ990817_02.9A01.C10.p1.np	myb_dna-binding(HMM:4.5e-36)
22583	OJ990821_49.0128.C15.p1.np	myb_dna-binding(HMM:2.4)
22584	OJ990822_47.0103.C2.p1.np	myb_dna-binding(HMM:4.1e-43)
22585	OJ990823_07.9B10.C11.p1.np	myb_dna-binding(HMM:7.7e-17)
22586	OJ990826_04.9B03.C24.p3.np	myb_dna-binding(HMM:9.4e-11)
22587	OJ990827_09.0103.C7.p1.np	myb_dna-binding(HMM:1.1e-37)
22588	OJ990830_12.9C03.C13.p1.np	myb_dna-binding(HMM:6.4e-41)
22589	OJ990903_09.9B04.C8.p1.np	myb_dna-binding(HMM:8.5e-41)
22590	OJ990903_11.9C01.C17.p7.np	myb_dna-binding(HMM:5.7e-50)
22591	OJ990903_18.0103.C6.p1.np	myb_dna-binding(HMM:0.099)
22592	OJ990907_09.9B19.C14.p1.np	myb_dna-binding(HMM:1.6e-37)
22593	OJ990914_18.9B24.C2.p1.np	myb_dna-binding(HMM:7.1e-14)
22594	OJ990915_02.9A18.C18.p1.np	myb_dna-binding(HMM:7.4e-44)
22595	OJ990917_16.9B08.C15.p1.np	myb_dna-binding(HMM:0.0045)
22596	OJ990920_18.9C06.C35.p1.np	myb_dna-binding(HMM:7.1e-14)

22597	OJ990920_19.9B02.C24.p1.np	myb_dna-binding(HMM:4.5e-36)
22598	OJ990923_12.9C01.C6.p2.np	myb_dna-binding(HMM:2.8e-19)
22599	OJ990929_01.9C17.C26.p1.np	myb_dna-binding(HMM:5e-37)
22600	OJ990929_01.9C17.C40.p1.np	myb_dna-binding(HMM:1.5e-13)
22601	OJ990930_19.9B12.C17.p1.np	myb_dna-binding(HMM:6.6e-36)
22602	OJ991008_03.0207.C32.p1.np	myb_dna-binding(HMM:1.2e-42)
22603	OJ991008_04.0121.C44.p1.np	myb_dna-binding(HMM:2.4e-19)
22604	OJ991019_16.0118.C16.p1.np	myb_dna-binding(HMM:4.1e-09)
22605	OJ991019_19.0306.C17.p1.np	myb_dna-binding(HMM:4.1e-09)
22606	OJ991019_20.0419.C29.p2.np	myb_dna-binding(HMM:6.8e-38)
22607	OJ991022_02.0211.C16.p1.np	myb_dna-binding(HMM:5e-40)
22608	OJ991026_16.0118.C6.p3.np	myb_dna-binding(HMM:7e-43)
22609	OJ991028_05.0211.C8.p1.np	myb_dna-binding(HMM:0.0045)
22610	OJ991028_13.0204.C7.p1.np	myb_dna-binding(HMM:1.3e-27)
22611	OJ991028_14.0118.C7.p5.np	myb_dna-binding(HMM:5.7e-06)
22612	OJ991029_03.0127.C6.p10.np	myb_dna-binding(HMM:2.3e-37)
22613	OJ991106_31.9C23.C3.p3.np	myb_dna-binding(HMM:1.1e-36)
22614	OJ991106_34.9C09.C8.p1.np	myb_dna-binding(HMM:3.2e-35)
22615	OJ991108_05.0126.C8.p1.np	myb_dna-binding(HMM:5.8e-20)
22616	OJ991109_19.0421.C13.p1.np	myb_dna-binding(HMM:1.5e-06)
22617	OJ991110_11.0419.C9.p1.np	myb_dna-binding(HMM:0.01)
22618	OJ991111_11.0124.C15.p1.np	myb_dna-binding(HMM:0.24)
22619	OJ991111_14.0204.C8.p4.np	myb_dna-binding(HMM:0.24)
22620	OJ991112_15.0104.C13.p1.np	myb_dna-binding(HMM:7e-43)
22621	OJ991113_45.0419.C18.p1.np	myb_dna-binding(HMM:2.7e-40)
22622	OJ991114_31.9C13.C3.p3.np	myb_dna-binding(HMM:1.3e-41)
22623	OJ991114_31.9C13.C3.p5.np	myb_dna-binding(HMM:1.6e-39)
22624	OJ991114_44.9C30.C6.p1.np	myb_dna-binding(HMM:4.4e-05)
22625	OJ991115_07.0218.C16.p1.np	myb_dna-binding(HMM:4.7e-42)
22626	OJ991116_05.0330.C7.p5.np	myb_dna-binding(HMM:6.1e-35)
22627	OJ991116_14.0222.C1.p2.np	myb_dna-binding(HMM:6.3e-11)
22628	OJ991117_14.0410.C4.p1.np	myb_dna-binding(HMM:2.5e-31)
22629	OJ991119_07.0316.C11.p1.np	myb_dna-binding(HMM:5.7e-37)
22630	OJ991120_34.0419.C7.p2.np	myb_dna-binding(HMM:1.8e-37)
22631	OJ991121_36.0121.C40.p1.np	myb_dna-binding(HMM:3.9e-12)
22632	OJ991121_41.0421.C5.p2.np	myb_dna-binding(HMM:2.5e-10)
22633	OJ991121_41.9C28.C5.p2.np	myb_dna-binding(HMM:2.5e-10)
22634	OJ991121_44.0419.C29.p1.np	myb_dna-binding(HMM:0.041)
22635	OJ991121_44.0419.C34.p1.np	myb_dna-binding(HMM:2.9e-12)
22636	OJ991122_01.9C23.C1.p1.np	myb_dna-binding(HMM:0.0048)
22637	OJ991122_03.0421.C4.p1.np	myb_dna-binding(HMM:1.8e-43)
22638	OJ991122_03.9C23.C4.p1.np	myb_dna-binding(HMM:1.8e-43)
22639	OJ991122_19.0330.C4.p1.np	myb_dna-binding(HMM:4.7e-42)
22640	OJ991201_17.0119.C2.p1.np	myb_dna-binding(HMM:8.5e-19)
22641	OJ991202_08.9C30.C7.p3.np	myb_dna-binding(HMM:0.00012)
22642	OJ991208_17.0104.C4.p1.np	myb_dna-binding(HMM:5e-40)
22643	OJ991211_50.0403.C1.p1.np	myb_dna-binding(HMM:1.3e-33)
22644	OJ991214_10.0222.C51.p1.np	myb_dna-binding(HMM:0.0017)
22645	OJ991214_14.0204.C1.p4.np	myb_dna-binding(HMM:1.9e-43)
22646	OJ991215_06.0118.C6.p7.np	myb_dna-binding(HMM:3.1e-60)
22647	OJ991215_15.0127.C46.p1.np	myb_dna-binding(HMM:8.5e-41)
22648	OJ991216_07.0301.C8.p5.np	myb_dna-binding(HMM:7.1e-14)
22649	OJ991225_70.0308.C24.p1.np	myb_dna-binding(HMM:7.1e-14)

22650	OJ991226_43.0315.C36.p2.np	myb_dna-binding(HMM:0.0045)
22651	OJ990502_23.9B12.C8.p2.np	myb_dna-binding(HMM:0.0034),zf-cchc(HMM:0.00074)
22652	OJ991106_31.9C23.C3.p1.np	myb_dna-binding(HMM:1.1e-36),zf-cchc(HMM:2.2e-06)
22653	OJ000204_18.0225.C8.p1.np	myb_dna-binding(HMM:3.1e-12),zz(HMM:0.03)
22654	OJ000321_16.0419.C14.p2.np	myb_dna-binding(HMM:4e-11),zz(HMM:1.1e-10)
22655	OJ000107_05.0215.C31.p1.np	nam(HMM:2.1e-13)
22656	OJ000107_05.0426.C31.p1.np	nam(HMM:2.1e-13)
22657	OJ000112_09.0209.C8.p4.np	nam(HMM:6.7e-86)
22658	OJ000112_09.0303.C5.p4.np	nam(HMM:6.7e-86)
22659	OJ000112_09.0426.C5.p4.np	nam(HMM:6.7e-86)
22660	OJ000113_11.0225.C13.p1.np	nam(HMM:2.9e-87)
22661	OJ000118_14.0228.C1.p2.np	nam(HMM:6.1e-11)
22662	OJ000118_14.0331.C1.p2.np	nam(HMM:6.1e-11)
22663	OJ000118_16.0301.C6.p1.np	nam(HMM:0.3)
22664	OJ000118_21.0313.C17.p2.np	nam(HMM:1.5e-52)
22665	OJ000150_22.0124.C86.p2.np	nam(HMM:4.3e-77)
22666	OJ000150_24.0124.C2.p4.np	nam(HMM:7.1e-85)
22667	OJ000204_17.0323.C4.p1.np	nam(HMM:5.4e-78)
22668	OJ000207_13.0303.C7.p4.np	nam(HMM:2.4e-54)
22669	OJ000209_02.0314.C24.p2.np	nam(HMM:8e-86)
22670	OJ000211_24.0317.C8.p2.np	nam(HMM:8.2e-34)
22671	OJ000214_05.0303.C10.p1.np	nam(HMM:2.1e-77)
22672	OJ000223_01.0320.C7.p2.np	nam(HMM:0.00071)
22673	OJ000223_03.0330.C22.p2.np	nam(HMM:8.8e-53)
22674	OJ000228_07.0410.C6.p1.np	nam(HMM:6.2e-69)
22675	OJ000229_02.0323.C6.p2.np	nam(HMM:7.3e-65)
22676	OJ000229_24.0419.C20.p1.np	nam(HMM:8e-84)
22677	OJ000229_24.0419.C3.p1.np	nam(HMM:1.7e-86)
22678	OJ000250_39.0223.C10.p2.np	nam(HMM:3.9e-66)
22679	OJ000250_49.0214.C7.p1.np	nam(HMM:8.4e-66)
22680	OJ000250_61.0419.C22.p1.np	nam(HMM:1.1e-67)
22681	OJ000250_73.0214.C5.p3.np	nam(HMM:1.2e-53)
22682	OJ000251_06.0419.C162.p1.np	nam(HMM:9e-84)
22683	OJ000302_09.0414.C4.p3.np	nam(HMM:3e-87)
22684	OJ000303_22.0419.C12.p1.np	nam(HMM:5.2e-72)
22685	OJ000303_22.0419.C14.p1.np	nam(HMM:6.7e-88)
22686	OJ000303_28.0419.C18.p2.np	nam(HMM:8.4e-66)
22687	OJ000308_22.0419.C15.p2.np	nam(HMM:3.9e-66)
22688	OJ000310_04.0419.C8.p1.np	nam(HMM:1.1e-12)
22689	OJ000310_04.0419.C9.p1.np	nam(HMM:0.2)
22690	OJ000313_19.0419.C59.p1.np	nam(HMM:3.5e-54)
22691	OJ000314_10.0411.C6.p1.np	nam(HMM:1.5e-73)
22692	OJ000314_10.0420.C3.p1.np	nam(HMM:1.5e-73)
22693	OJ000314_15.0419.C32.p1.np	nam(HMM:4.4e-59)
22694	OJ000314_27.0419.C11.p1.np	nam(HMM:1.5e-44)
22695	OJ000314_37.0412.C9.p2.np	nam(HMM:1.6e-11)
22696	OJ000314_37.0412.C9.p3.np	nam(HMM:1.6e-11)
22697	OJ000314_37.0420.C9.p2.np	nam(HMM:1.6e-11)
22698	OJ000314_37.0420.C9.p3.np	nam(HMM:1.6e-11)

22699	OJ000315_11.0419.C14.p1.np	nam(HMM:3.4e-71)
22700	OJ000315_34.0407.C13.p2.np	nam(HMM:1.5e-44)
22701	OJ000315_34.0407.C13.p6.np	nam(HMM:1.5e-44)
22702	OJ000315_34.0420.C7.p2.np	nam(HMM:1.5e-44)
22703	OJ000315_34.0420.C7.p6.np	nam(HMM:1.5e-44)
22704	OJ000316_07.0419.C11.p1.np	nam(HMM:4.4e-55)
22705	OJ000316_19.0419.C12.p1.np	nam(HMM:6.8e-07)
22706	OJ000316_19.0419.C2.p1.np	nam(HMM:0.093)
22707	OJ000321_03.0417.C3.p2.np	nam(HMM:8.8e-10)
22708	OJ000321_03.0426.C3.p2.np	nam(HMM:8.8e-10)
22709	OJ000322_18.0419.C24.p1.np	nam(HMM:1.6e-11)
22710	OJ000327_10.0424.C2.p1.np	nam(HMM:1.5e-06)
22711	OJ000327_18.0420.C19.p1.np	nam(HMM:2.8e-94)
22712	OJ000330_01.0424.C29.p1.np	nam(HMM:0.12)
22713	OJ000330_14.0419.C34.p1.np	nam(HMM:3.3e-83)
22714	OJ000331_24.0424.C16.p2.np	nam(HMM:8.8e-53)
22715	OJ000350_09.0323.C12.p1.np	nam(HMM:1.2e-42)
22716	OJ000350_60.0419.C17.p1.np	nam(HMM:5.8e-82)
22717	OJ000404_39.0424.C24.p1.np	nam(HMM:2.7e-06)
22718	OJ000405_19.0424.C38.p1.np	nam(HMM:1.6e-76)
22719	OJ000450_12.0410.C1.p9.np	nam(HMM:1.9e-90)
22720	OJ990203_05.9819.C19.p3.np	nam(HMM:3.1e-55)
22721	OJ990203_06.9819.C6.p3.np	nam(HMM:1.9)
22722	OJ990205_04.9819.C77.p1.np	nam(HMM:3.9e-31)
22723	OJ990212_06.9819.C5.p1.np	nam(HMM:5.1e-23)
22724	OJ990319_04.9819.C24.p1.np	nam(HMM:2.9e-87)
22725	OJ990319_05.9819.C16.p3.np	nam(HMM:2.4e-88)
22726	OJ990319_06.9C10.C47.p1.np	nam(HMM:2.9e-87)
22727	OJ990323_14.9A18.C9.p3.np	nam(HMM:4.5e-42)
22728	OJ990402_22.9819.C15.p2.np	nam(HMM:5.9e-51)
22729	OJ990402_22.9819.C18.p1.np	nam(HMM:0.0015)
22730	OJ990412_12.9A01.C33.p1.np	nam(HMM:4.9e-09)
22731	OJ990429_05.9924.C10.p1.np	nam(HMM:7.3e-72)
22732	OJ990501_25.9604.C41.p1.np	nam(HMM:2.1e-52)
22733	OJ990502_29.9924.C7.p1.np	nam(HMM:3.9e-31)
22734	OJ990517_04.9A01.C74.p1.np	nam(HMM:6.3e-07)
22735	OJ990518_06.9B05.C17.p1.np	nam(HMM:1.1e-05)
22736	OJ990518_06.9B05.C41.p1.np	nam(HMM:1.5e-45)
22737	OJ990518_06.9B05.C41.p2.np	nam(HMM:3.5e-26)
22738	OJ990518_06.9B05.C44.p1.np	nam(HMM:3.9e-24)
22739	OJ990518_06.9B05.C44.p2.np	nam(HMM:3.9e-28)
22740	OJ990520_03.9C23.C51.p2.np	nam(HMM:4.8e-34)
22741	OJ990524_01.0421.C7.p1.np	nam(HMM:7.8e-54)
22742	OJ990524_13.0103.C11.p5.np	nam(HMM:6.1e-17)
22743	OJ990527_26.9C10.C2.p1.np	nam(HMM:2.1e-85)
22744	OJ990527_26.9C10.C2.p8.np	nam(HMM:1.5e-88)
22745	OJ990531_31.0419.C102.p2.np	nam(HMM:9.3e-89)
22746	OJ990531_40.9C03.C1.p5.np	nam(HMM:4.4e-81)
22747	OJ990601_08.9A22.C43.p1.np	nam(HMM:1.9e-81)
22748	OJ990617_04.9A01.C3.p1.np	nam(HMM:6.4e-74)
22749	OJ990617_04.9A01.C5.p1.np	nam(HMM:6.7e-88)
22750	OJ990630_14.9C03.C3.p2.np	nam(HMM:1.2e-53)
22751	OJ990716_04.0107.C10.p4.np	nam(HMM:3.2e-83)
22752	OJ990723_09.9A14.C9.p5.np	nam(HMM:7.3e-65)

22753	OJ990729_01.0114.C4.p3.np	nam(HMM:1e-10)
22754	OJ990729_01.0114.C5.p1.np	nam(HMM:2.6e-08)
22755	OJ990729_01.0114.C5.p3.np	nam(HMM:1.6e-07)
22756	OJ990730_05.9C17.C9.p2.np	nam(HMM:8.8e-53)
22757	OJ990805_01.9B19.C11.p2.np	nam(HMM:8.8e-53)
22758	OJ990818_12.9924.C8.p1.np	nam(HMM:2e-67)
22759	OJ990827_07.9C08.C12.p2.np	nam(HMM:7.5e-26)
22760	OJ990903_07.9B08.C10.p1.np	nam(HMM:1.5e-45)
22761	OJ990903_07.9B08.C21.p1.np	nam(HMM:3.9e-24)
22762	OJ990903_07.9B08.C21.p2.np	nam(HMM:3.9e-28)
22763	OJ990903_07.9B08.C23.p1.np	nam(HMM:5.5e-08)
22764	OJ990909_08.0222.C18.p1.np	nam(HMM:8.6e-45)
22765	OJ990909_10.0114.C22.p1.np	nam(HMM:1.9e-85)
22766	OJ990910_18.9C14.C5.p1.np	nam(HMM:1.2e-53)
22767	OJ990917_17.9C10.C21.p2.np	nam(HMM:9e-84)
22768	OJ991007_18.0120.C4.p4.np	nam(HMM:4.6e-65)
22769	OJ991014_01.0111.C7.p3.np	nam(HMM:9.5e-44)
22770	OJ991019_16.0118.C21.p6.np	nam(HMM:6.6e-24)
22771	OJ991019_19.0306.C2.p5.np	nam(HMM:7.1e-25)
22772	OJ991022_01.0229.C2.p1.np	nam(HMM:3.9e-31)
22773	OJ991106_46.9C17.C3.p4.np	nam(HMM:4.3e-77)
22774	OJ991107_45.0203.C15.p1.np	nam(HMM:4.4e-81)
22775	OJ991108_12.0404.C9.p1.np	nam(HMM:3.9e-87)
22776	OJ991111_05.0125.C7.p1.np	nam(HMM:4.8e-34)
22777	OJ991114_36.0128.C4.p1.np	nam(HMM:1.9e-67)
22778	OJ991201_14.0118.C3.p2.np	nam(HMM:1.8e-75)
22779	OJ991206_18.0131.C4.p5.np	nam(HMM:2.7e-42)
22780	OJ991208_15.0103.C9.p1.np	nam(HMM:7.4e-77)
22781	OJ991210_06.0110.C33.p1.np	nam(HMM:1.2e-53)
22782	OJ991211_65.0317.C9.p1.np	nam(HMM:3.1e-83)
22783	OJ991217_05.0131.C13.p2.np	nam(HMM:6.1e-11)
22784	OJ000150_24.0124.C2.p13.np	nap_family(HMM:3.5e-27)
22785	OJ000251_15.0321.C7.p3.np	nap_family(HMM:2.1e-101)
22786	OJ000315_35.0410.C15.p1.np	nap_family(HMM:1e-77)
22787	OJ000315_35.0420.C18.p1.np	nap_family(HMM:1e-77)
22788	OJ000320_40.0413.C13.p7.np	nap_family(HMM:1.1e-113)
22789	OJ990416_07.9B12.C39.p3.np	nap_family(HMM:3.5e-27)
22790	Contig1.p1.np	phd(HMM:1.9e-13)
22791	OJ000102_54.0426.C81.p1.np	phd(HMM:0.045)
22792	OJ000108_54.0419.C46.p1.np	phd(HMM:0.045)
22793	OJ000108_54.0426.C46.p1.np	phd(HMM:0.045)
22794	OJ000112_09.0209.C6.p1.np	phd(HMM:0.0094)
22795	OJ000112_09.0303.C4.p4.np	phd(HMM:0.0094)
22796	OJ000112_09.0426.C4.p4.np	phd(HMM:0.0094)
22797	OJ000114_12.0208.C8.p2.np	phd(HMM:2.2e-15)
22798	OJ000114_12.0208.C8.p3.np	phd(HMM:2.4e-12)
22799	OJ000150_16.0124.C45.p1.np	phd(HMM:5.8e-12)
22800	OJ000207_16.0301.C3.p2.np	phd(HMM:9.9e-06)
22801	OJ000207_17.0306.C15.p1.np	phd(HMM:7.5e-15)
22802	OJ000207_17.0323.C13.p1.np	phd(HMM:7.5e-15)
22803	OJ000209_26.0229.C18.p1.np	phd(HMM:4.1e-12)
22804	OJ000210_16.0330.C7.p1.np	phd(HMM:3.6e-05)
22805	OJ000250_21.0225.C1.p1.np	phd(HMM:1.9e-13)
22806	OJ000301_23.0419.C12.p1.np	phd(HMM:0.013)



22807	OJ000303_03.0419.C2.p1.np	phd(HMM:4.4e-07)
22808	OJ000303_07.0419.C23.p1.np	phd(HMM:5.1e-05)
22809	OJ000307_12.0403.C23.p2.np	phd(HMM:9.9e-06)
22810	OJ000313_17.0419.C14.p1.np	phd(HMM:4.4e-07)
22811	OJ000314_14.0419.C3.p1.np	phd(HMM:3.3e-12)
22812	OJ000314_30.0419.C4.p4.np	phd(HMM:2.4e-12)
22813	OJ000316_06.0418.C41.p1.np	phd(HMM:1.2)
22814	OJ000316_25.0419.C14.p3.np	phd(HMM:2.4e-12)
22815	OJ000321_06.0419.C38.p1.np	phd(HMM:1.1e-11)
22816	OJ000321_20.0425.C17.p2.np	phd(HMM:9.9e-06)
22817	OJ000323_04.0424.C11.p2.np	phd(HMM:0.068)
22818	OJ000324_22.0424.C26.p1.np	phd(HMM:0.031)
22819	OJ000324_24.0419.C27.p1.np	phd(HMM:0.031)
22820	OJ000327_33.0419.C43.p1.np	phd(HMM:2.4e-10)
22821	OJ000350_00.0328.C17.p5.np	phd(HMM:0.024)
22822	OJ000404_02.0421.C48.p1.np	phd(HMM:1.4e-08)
22823	OJ000404_03.0424.C22.p1.np	phd(HMM:3.6e-05)
22824	OJ000404_20.0424.C16.p1.np	phd(HMM:0.079)
22825	OJ000450_15.0411.C1.p2.np	phd(HMM:0.027)
22826	OJ990303_10.0420.C5.p1.np	phd(HMM:1.3e-12)
22827	OJ990303_10.9819.C5.p1.np	phd(HMM:1.3e-12)
22828	OJ990323_20.9A03.C10.p4.np	phd(HMM:1.1e-11)
22829	OJ990330_17.9819.C15.p1.np	phd(HMM:2.2e-15)
22830	OJ990330_19.9819.C30.p3.np	phd(HMM:0.017)
22831	OJ990406_09.9819.C17.p1.np	phd(HMM:5.7e-06)
22832	OJ990410_26.9922.C4.p2.np	phd(HMM:2.1e-07)
22833	OJ990410_26.9922.C4.p3.np	phd(HMM:2.1e-07)
22834	OJ990420_09.9923.C12.p1.np	phd(HMM:0.031)
22835	OJ990428_05.9819.C55.p1.np	phd(HMM:1.1e-14)
22836	OJ990428_31.9924.C29.p1.np	phd(HMM:1.4e-05)
22837	OJ990430_01.9C03.C46.p1.np	phd(HMM:0.0085)
22838	OJ990519_30.9A20.C2.p1.np	phd(HMM:0.0047)
22839	OJ990524_05.0103.C20.p1.np	phd(HMM:0.02)
22840	OJ990524_05.0103.C37.p1.np	phd(HMM:0.026)
22841	OJ990620_39.9919.C20.p3.np	phd(HMM:8.4e-07)
22842	OJ990625_06.9927.C4.p3.np	phd(HMM:5.8e-12)
22843	OJ990709_11.9922.C1.p7.np	phd(HMM:1.1e-11)
22844	OJ990722_11.9C01.C10.p1.np	phd(HMM:0.028)
22845	OJ990727_08.9B05.C5.p2.np	phd(HMM:2.5e-15)
22846	OJ990727_08.9B05.C9.p1.np	phd(HMM:2.4e-10)
22847	OJ990802_16.9C17.C2.p1.np	phd(HMM:0.019)
22848	OJ990808_43.0110.C2.p2.np	phd(HMM:2.9e-14)
22849	OJ990808_43.0110.C3.p5.np	phd(HMM:2.2e-05)
22850	OJ990821_45.0103.C10.p1.np	phd(HMM:0.018)
22851	OJ990821_45.0421.C4.p1.np	phd(HMM:0.018)
22852	OJ990821_55.0110.C23.p3.np	phd(HMM:0.079)
22853	OJ990821_61.9C20.C9.p1.np	phd(HMM:0.02)
22854	OJ990822_41.0128.C4.p1.np	phd(HMM:0.068)
22855	OJ990826_07.0103.C1.p1.np	phd(HMM:4.4e-07)
22856	OJ990907_08.9B19.C6.p1.np	phd(HMM:6.2e-08)
22857	OJ991109_05.0121.C12.p1.np	phd(HMM:2.4e-10)
22858	OJ991109_20.9C22.C25.p1.np	phd(HMM:9.5e-07)
22859	OJ991110_07.0225.C7.p7.np	phd(HMM:1.9e-13)
22860	OJ991112_01.0403.C17.p3.np	phd(HMM:3.4e-12)

22861	OJ991208_10.0107.C9.p1.np	phd(HMM:1.9e-05)
22862	OJ990421_27.9B19.C13.p6.np	phd(HMM:0.045),set(HMM:3.4e-52)
22863	OJ000119_08.0302.C10.p4.np	phd(HMM:6.6e-06),snf2_n(HMM:7.7e-42),zf-c3hc4(HMM:0.00035)
22864	OJ991214_03.0114.C4.p3.np	phd(HMM:1.3e-07),snf2_n(HMM:1.3e-40),zf-c3hc4(HMM:0.00035)
22865	OJ000250_27.0208.C18.p1.np	phd(HMM:0.051),zf-c3hc4(HMM:9.5e-07)
22866	OJ000250_27.0303.C9.p4.np	phd(HMM:0.051),zf-c3hc4(HMM:9.5e-07)
22867	OJ000301_18.0330.C11.p2.np	phd(HMM:0.037),zf-c3hc4(HMM:1.8e-06)
22868	OJ990326_01.9C01.C28.p1.np	phd(HMM:0.089),zf-c3hc4(HMM:2.3e-12)
22869	OJ990822_47.0103.C5.p1.np	phd(HMM:1.7e-11),zf-c3hc4(HMM:7.7e-06)
22870	OJ990915_02.9A18.C14.p1.np	phd(HMM:0.051),zf-c3hc4(HMM:9.5e-07)
22871	OJ990917_09.9A29.C13.p1.np	phd(HMM:0.037),zf-c3hc4(HMM:1.8e-06)
22872	OJ990917_09.9A29.C13.p2.np	phd(HMM:0.037),zf-c3hc4(HMM:1.8e-06)
22873	OJ991020_07.0202.C12.p2.np	phd(HMM:0.22),zf-c3hc4(HMM:8.1e-12)
22874	OJ991020_07.0202.C12.p3.np	phd(HMM:0.22),zf-c3hc4(HMM:8.1e-12)
22875	OJ991226_49.0317.C8.p1.np	phd(HMM:0.037),zf-c3hc4(HMM:1.8e-06)
22876	OJ991226_49.0317.C8.p2.np	phd(HMM:0.037),zf-c3hc4(HMM:1.8e-06)
22877	OJ000107_08.0330.C23.p3.np	response_reg(HMM:1.1e-13)
22878	OJ000107_08.0426.C23.p3.np	response_reg(HMM:1.1e-13)
22879	OJ000150_17.0124.C41.p3.np	response_reg(HMM:4.1e-12)
22880	OJ000203_01.0222.C31.p1.np	response_reg(HMM:5.4e-31)
22881	OJ000208_03.0310.C3.p1.np	response_reg(HMM:4.9e-27)
22882	OJ000208_25.0419.C37.p1.np	response_reg(HMM:5.7e-09)
22883	OJ000214_01.0308.C34.p2.np	response_reg(HMM:1.9e-29)
22884	OJ000217_01.0308.C2.p1.np	response_reg(HMM:5.1e-05)
22885	OJ000221_23.0317.C14.p1.np	response_reg(HMM:4.9e-27)
22886	OJ000229_02.0323.C6.p5.np	response_reg(HMM:4e-07)
22887	OJ000250_68.0211.C10.p1.np	response_reg(HMM:4.5e-19)
22888	OJ000251_23.0216.C33.p1.np	response_reg(HMM:1.1e-13)
22889	OJ000321_13.0424.C17.p1.np	response_reg(HMM:8.9e-20)
22890	OJ000324_02.0417.C11.p1.np	response_reg(HMM:1.7e-20)
22891	OJ000327_05.0419.C12.p1.np	response_reg(HMM:2.4e-24)
22892	OJ000327_05.0419.C4.p2.np	response_reg(HMM:3.6e-22)
22893	OJ990409_06.9819.C1.p2.np	response_reg(HMM:0.0062)
22894	OJ990416_04.9819.C5.p1.np	response_reg(HMM:5.4e-31)
22895	OJ990426_02.0419.C175.p1.np	response_reg(HMM:1.6e-27)
22896	OJ990426_02.9608.C56.p1.np	response_reg(HMM:9.2e-31)
22897	OJ990426_31.0419.C35.p1.np	response_reg(HMM:5e-31)

22898	OJ990427_23.9C03.C6.p5.np	response_reg(HMM:1e-27)
22899	OJ990430_11.9A14.C52.p1.np	response_reg(HMM:8.9e-10)
22900	OJ990517_09.9C23.C59.p1.np	response_reg(HMM:4.1e-11)
22901	OJ990527_04.9C17.C30.p1.np	response_reg(HMM:5.3e-16)
22902	OJ990527_06.0421.C15.p1.np	response_reg(HMM:2.5e-10)
22903	OJ990723_09.9A14.C5.p1.np	response_reg(HMM:4e-07)
22904	OJ990723_09.9A14.C5.p2.np	response_reg(HMM:6e-06)
22905	OJ990730_11.9B08.C7.p1.np	response_reg(HMM:1.4e-30)
22906	OJ990820_06.0215.C12.p1.np	response_reg(HMM:6.7e-18)
22907	OJ990903_18.0103.C5.p1.np	response_reg(HMM:0.016)
22908	OJ990915_02.9A18.C19.p3.np	response_reg(HMM:1.5e-06)
22909	OJ000103_07.0224.C10.p1.np	sbpb(HMM:4.4e-38)
22910	OJ000103_07.0426.C10.p1.np	sbpb(HMM:4.4e-38)
22911	OJ000110_13.0222.C2.p1.np	sbpb(HMM:4.4e-38)
22912	OJ000110_13.0426.C2.p1.np	sbpb(HMM:4.4e-38)
22913	OJ000111_20.0215.C12.p1.np	sbpb(HMM:9.7e-37)
22914	OJ000111_20.0426.C12.p1.np	sbpb(HMM:9.7e-37)
22915	OJ000223_16.0320.C11.p1.np	sbpb(HMM:9.7e-37)
22916	OJ000224_06.0317.C20.p1.np	sbpb(HMM:0.24)
22917	OJ000251_51.0217.C10.p2.np	sbpb(HMM:2.1e-37)
22918	OJ000302_08.0410.C5.p1.np	sbpb(HMM:7.3e-20)
22919	OJ000320_29.0419.C12.p2.np	sbpb(HMM:2.7e-42)
22920	OJ000324_21.0420.C5.p1.np	sbpb(HMM:4.4e-38)
22921	OJ000331_01.0419.C11.p1.np	sbpb(HMM:0.00016)
22922	OJ990331_10.9A01.C5.p9.np	sbpb(HMM:1.4e-37)
22923	OJ990503_26.9B02.C8.p2.np	sbpb(HMM:7.9e-10)
22924	OJ990503_26.9B02.C9.p1.np	sbpb(HMM:8.5e-09)
22925	OJ990515_20.9924.C4.p2.np	sbpb(HMM:1.2e-40)
22926	OJ990726_09.9B05.C2.p1.np	sbpb(HMM:1.8e-40)
22927	OJ990822_51.9C23.C2.p1.np	sbpb(HMM:2.8e-38)
22928	OJ990907_11.0103.C10.p1.np	sbpb(HMM:9.7e-37)
22929	OJ990915_04.9B04.C7.p1.np	sbpb(HMM:6.5e-45)
22930	OJ991115_09.0421.C12.p1.np	sbpb(HMM:1.2e-40)
22931	OJ991115_09.9C22.C12.p1.np	sbpb(HMM:1.2e-40)
22932	OJ991116_12.0107.C7.p2.np	sbpb(HMM:9.7e-37)
22933	OJ991206_04.0421.C6.p1.np	sbpb(HMM:6.5e-45)
22934	OJ991206_04.9C30.C16.p1.np	sbpb(HMM:6.5e-45)
22935	OJ991206_14.0215.C53.p13.np	sbpb(HMM:6.5e-45)
22936	OJ991206_18.0131.C16.p1.np	sbpb(HMM:1.2e-40)
22937	OJ000107_03.0207.C12.p1.np	scr(HMM:2.5e-12)
22938	OJ000107_03.0207.C2.p1.np	scr(HMM:1.3e-145)
22939	OJ000107_03.0207.C3.p1.np	scr(HMM:9.5e-134)
22940	OJ000107_03.0207.C5.p1.np	scr(HMM:4.6e-241)
22941	OJ000107_03.0207.C6.p2.np	scr(HMM:2.9e-104)
22942	OJ000107_03.0310.C5.p1.np	scr(HMM:1.3e-145)
22943	OJ000107_03.0310.C6.p1.np	scr(HMM:9.5e-134)
22944	OJ000107_03.0310.C7.p1.np	scr(HMM:4.6e-241)
22945	OJ000107_03.0310.C7.p2.np	scr(HMM:2.5e-106)
22946	OJ000107_03.0310.C7.p3.np	scr(HMM:2.4e-211)
22947	OJ000107_03.0310.C7.p4.np	scr(HMM:4.4e-26)
22948	OJ000107_03.0426.C5.p1.np	scr(HMM:1.3e-145)
22949	OJ000107_03.0426.C6.p1.np	scr(HMM:9.5e-134)
22950	OJ000107_03.0426.C7.p1.np	scr(HMM:4.6e-241)
22951	OJ000107_03.0426.C7.p2.np	scr(HMM:2.5e-106)

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scr(HMM:9.4e-141)  
scr(HMM:3.2e-39)  
scr(HMM:4.6e-115)  
scr(HMM:7.8e-06)  
scr(HMM:2.1e-06)  
scr(HMM:7e-06)  
scr(HMM:9.9e-08)  
scr(HMM:2.1e-06)  
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scr(HMM:9.9e-08)  
scr(HMM:4.1e-117)  
scr(HMM:0.00045)  
scr(HMM:2.4e-85)  
scr(HMM:1.6)  
scr(HMM:6.1e-116)  
scr(HMM:2.6e-07)  
scr(HMM:1.4e-156)  
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scr(HMM:4e-143)  
scr(HMM:2.1e-12)  
scr(HMM:6.1e-112)  
scr(HMM:1.6e-05)  
scr(HMM:1.8e-155)  
scr(HMM:5.4e-80)  
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scr(HMM:1.4e-156)  
scr(HMM:0.0073)  
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scr(HMM:8.8e-09)  
scr(HMM:3.4e-06)  
scr(HMM:1.7e-18)  
scr(HMM:2.7e-144)  
scr(HMM:5.4e-08)  
scr(HMM:3.4e-08)  
scr(HMM:6.1e-81)

23006	OJ990414_10.9819.C9.p1.np	scr(HMM:1.2e-05)
23007	OJ990414_11.9819.C18.p1.np	scr(HMM:4.7e-135)
23008	OJ990415_08.9922.C11.p6.np	scr(HMM:9.8e-134)
23009	OJ990421_11.9923.C10.p1.np	scr(HMM:1.3e-79)
23010	OJ990421_11.9923.C25.p1.np	scr(HMM:4.1e-07)
23011	OJ990422_26.9924.C14.p2.np	scr(HMM:1.2e-68)
23012	OJ990423_04.9919.C9.p2.np	scr(HMM:1.4e-112)
23013	OJ990427_01.9A14.C22.p1.np	scr(HMM:7e-56)
23014	OJ990428_02.9A29.C11.p6.np	scr(HMM:3.5e-77)
23015	OJ990430_24.9924.C10.p3.np	scr(HMM:6.5e-66)
23016	OJ990520_13.9922.C5.p2.np	scr(HMM:3.4e-29)
23017	OJ990520_25.9C17.C3.p1.np	scr(HMM:3.8e-05)
23018	OJ990528_06.9C03.C33.p2.np	scr(HMM:2.4e-155)
23019	OJ990617_05.9924.C16.p1.np	scr(HMM:1.4e-156)
23020	OJ990617_06.9A27.C50.p1.np	scr(HMM:7.3e-25)
23021	OJ990627_38.9B19.C3.p1.np	scr(HMM:2.5e-19)
23022	OJ990627_41.9919.C7.p1.np	scr(HMM:0.87)
23023	OJ990705_39.9919.C11.p7.np	scr(HMM:2.1e-113)
23024	OJ990715_06.9A01.C6.p2.np	scr(HMM:1.2e-53)
23025	OJ990723_10.9C01.C11.p1.np	scr(HMM:2.7e-144)
23026	OJ990816_08.0419.C14.p1.np	scr(HMM:5.3e-35)
23027	OJ990816_09.9B19.C35.p1.np	scr(HMM:2.5e-06)
23028	OJ990818_05.9C01.C11.p3.np	scr(HMM:1.3e-284)
23029	OJ990818_09.9B08.C11.p1.np	scr(HMM:2.5e-06)
23030	OJ990823_06.9B03.C17.p1.np	scr(HMM:1.5e-19)
23031	OJ990826_01.9C28.C11.p2.np	scr(HMM:3.9e-20)
23032	OJ990826_01.9C28.C11.p3.np	scr(HMM:1.7e-12)
23033	OJ990830_10.9C13.C6.p1.np	scr(HMM:9.2e-68)
23034	OJ990907_10.0128.C10.p1.np	scr(HMM:0.00013)
23035	OJ990907_16.9B23.C9.p4.np	scr(HMM:0.00085)
23036	OJ991001_02.0202.C10.p1.np	scr(HMM:6e-30)
23037	OJ991006_02.0113.C2.p6.np	scr(HMM:3.3e-30)
23038	OJ991008_04.0121.C11.p2.np	scr(HMM:7.5e-26)
23039	OJ991014_01.0111.C11.p1.np	scr(HMM:5e-101)
23040	OJ991107_32.9C13.C2.p1.np	scr(HMM:5.2e-158)
23041	OJ991109_13.0131.C3.p1.np	scr(HMM:4.8)
23042	OJ991112_08.0421.C1.p1.np	scr(HMM:6.5e-31)
23043	OJ991112_08.9C22.C1.p1.np	scr(HMM:2.1e-28)
23044	OJ991208_06.0107.C14.p1.np	scr(HMM:0.00052)
23045	OJ991208_06.0107.C8.p2.np	scr(HMM:0.00081)
23046	OJ991211_57.0228.C31.p1.np	scr(HMM:2.5e-46)
23047	OJ991215_06.0118.C6.p11.np	scr(HMM:3e-08)
23048	OJ000105_15.0207.C2.p3.np	set(HMM:4.6e-05)
23049	OJ000105_15.0207.C3.p1.np	set(HMM:0.94)
23050	OJ000105_15.0426.C2.p3.np	set(HMM:4.6e-05)
23051	OJ000105_15.0426.C3.p1.np	set(HMM:1.1)
23052	OJ000107_15.0222.C15.p5.np	set(HMM:3.5e-37)
23053	OJ000107_15.0426.C15.p5.np	set(HMM:3.5e-37)
23054	OJ000110_16.0302.C21.p3.np	set(HMM:9e-13)
23055	OJ000110_16.0426.C21.p3.np	set(HMM:9e-13)
23056	OJ000250_27.0208.C10.p3.np	set(HMM:1.2e-31)
23057	OJ000250_27.0303.C6.p3.np	set(HMM:5.9e-24)
23058	OJ000250_59.0214.C32.p3.np	set(HMM:3.1e-29)
23059	OJ000251_08.0218.C39.p1.np	set(HMM:1.4e-44)

23060	OJ000301_23.0419.C12.p2.np	set(HMM:8.4e-5)
23061	OJ000302_02.0419.C20.p2.np	set(HMM:3.7e-58)
23062	OJ000303_07.0419.C22.p1.np	set(HMM:7.4e-42)
23063	OJ000303_07.0419.C22.p2.np	set(HMM:1.5e-45)
23064	OJ000306_05.0419.C14.p1.np	set(HMM:1.5e-49)
23065	OJ000306_06.0403.C2.p1.np	set(HMM:2.5e-44)
23066	OJ000310_06.0417.C11.p1.np	set(HMM:5.7e-05)
23067	OJ000314_10.0411.C13.p1.np	set(HMM:4.8e-05)
23068	OJ000314_10.0411.C13.p2.np	set(HMM:0.0018)
23069	OJ000314_10.0420.C7.p1.np	set(HMM:4.8e-05)
23070	OJ000314_10.0420.C7.p2.np	set(HMM:0.0018)
23071	OJ000320_11.0419.C25.p1.np	set(HMM:3.9e-35)
23072	OJ000321_03.0417.C2.p6.np	set(HMM:5e-35)
23073	OJ000321_03.0426.C2.p6.np	set(HMM:5e-35)
23074	OJ000321_21.0419.C9.p1.np	set(HMM:1e-52)
23075	OJ000321_21.0419.C9.p2.np	set(HMM:2.1e-40)
23076	OJ000350_56.0322.C3.p3.np	set(HMM:5.8e-48)
23077	OJ990301_10.9B03.C4.p1.np	set(HMM:9.2e-45)
23078	OJ990311_06.0131.C68.p1.np	set(HMM:2.4e-45)
23079	OJ990317_09.0421.C23.p9.np	set(HMM:1.1e-53)
23080	OJ990317_09.9C20.C23.p9.np	set(HMM:1.1e-53)
23081	OJ990406_06.9819.C22.p1.np	set(HMM:4.5e-32)
23082	OJ990406_07.9C10.C3.p1.np	set(HMM:3e-06)
23083	OJ990428_08.9924.C35.p2.np	set(HMM:4.5e-32)
23084	OJ990428_08.9924.C48.p1.np	set(HMM:5.1e-16)
23085	OJ990430_01.9C03.C46.p2.np	set(HMM:3.6e-41)
23086	OJ990430_01.9C03.C64.p1.np	set(HMM:0.00017)
23087	OJ990502_29.9924.C2.p2.np	set(HMM:1.1e-53)
23088	OJ990504_02.9A01.C24.p1.np	set(HMM:1.3e-30)
23089	OJ990504_07.9C27.C5.p1.np	set(HMM:4.5e-32)
23090	OJ990504_07.9C27.C54.p1.np	set(HMM:3.8e-07)
23091	OJ990504_07.9C27.C84.p1.np	set(HMM:5.3e-06)
23092	OJ990520_35.9922.C6.p4.np	set(HMM:3.9e-55)
23093	OJ990524_07.0128.C11.p1.np	set(HMM:9.2e-45)
23094	OJ990528_13.9C10.C28.p1.np	set(HMM:6.3e-08)
23095	OJ990528_13.9C10.C29.p1.np	set(HMM:2.9e-45)
23096	OJ990708_04.9A01.C11.p1.np	set(HMM:7.8e-52)
23097	OJ990722_13.9C03.C2.p1.np	set(HMM:1.4e-54)
23098	OJ990810_10.9C23.C6.p1.np	set(HMM:1.7e-47)
23099	OJ990825_13.9B24.C11.p1.np	set(HMM:4.1e-06)
23100	OJ990903_12.9C01.C11.p1.np	set(HMM:8.5e-43)
23101	OJ990915_03.9B04.C20.p1.np	set(HMM:6e-07)
23102	OJ990915_17.9C23.C6.p1.np	set(HMM:2.2e-10)
23103	OJ990915_17.9C23.C7.p1.np	set(HMM:6.6e-12)
23104	OJ991021_11.0218.C10.p1.np	set(HMM:7.7e-08)
23105	OJ991021_11.0218.C11.p1.np	set(HMM:9.1e-18)
23106	OJ991101_12.0218.C10.p1.np	set(HMM:3.4e-52)
23107	OJ991121_39.0229.C39.p5.np	set(HMM:7.7e-08)
23108	OJ991121_39.0229.C39.p6.np	set(HMM:7.7e-08)
23109	OJ991121_39.0229.C40.p1.np	set(HMM:2e-30)
23110	OJ991201_06.0103.C13.p1.np	set(HMM:1.7e-13)
23111	OJ991201_08.9C23.C2.p3.np	set(HMM:1.1e-53)
23112	OJ991208_08.0128.C5.p1.np	set(HMM:1.3e-30)
23113	OJ991209_08.0222.C4.p9.np	set(HMM:1.3e-30)

23114	OJ991209_13.0301.C3.p5.np	set(HMM:1.7e-37)
23115	OJ000107_04.0210.C25.p1.np	snf2_n(HMM:1.9e-20)
23116	OJ000107_04.0210.C28.p1.np	snf2_n(HMM:5.7e-11)
23117	OJ000107_04.0426.C25.p1.np	snf2_n(HMM:1.9e-20)
23118	OJ000107_04.0426.C28.p1.np	snf2_n(HMM:5.7e-11)
23119	OJ000114_15.0310.C7.p4.np	snf2_n(HMM:1.3e-80)
23120	OJ000204_08.0317.C4.p1.np	snf2_n(HMM:2.9e-71)
23121	OJ000204_26.0307.C4.p1.np	snf2_n(HMM:2.8e-85)
23122	OJ000207_17.0306.C17.p1.np	snf2_n(HMM:4.7e-30)
23123	OJ000208_20.0301.C16.p2.np	snf2_n(HMM:0.00056)
23124	OJ000209_26.0229.C11.p1.np	snf2_n(HMM:1.5e-36)
23125	OJ000210_17.0322.C21.p3.np	snf2_n(HMM:1.2e-140)
23126	OJ000211_02.0327.C12.p2.np	snf2_n(HMM:9e-14)
23127	OJ000250_15.0222.C8.p1.np	snf2_n(HMM:1.1e-05)
23128	OJ000250_59.0214.C31.p1.np	snf2_n(HMM:2.6e-15)
23129	OJ000250_59.0214.C32.p1.np	snf2_n(HMM:0.043)
23130	OJ000251_35.0218.C16.p1.np	snf2_n(HMM:0.00017)
23131	OJ000251_35.0218.C49.p1.np	snf2_n(HMM:1e-05)
23132	OJ000251_48.0228.C31.p4.np	snf2_n(HMM:1.3e-101)
23133	OJ000314_02.0419.C3.p1.np	snf2_n(HMM:6.8e-10)
23134	OJ000314_10.0411.C3.p1.np	snf2_n(HMM:1.3e-72)
23135	OJ000314_10.0420.C1.p2.np	snf2_n(HMM:1.3e-56)
23136	OJ000314_10.0420.C1.p3.np	snf2_n(HMM:5.6e-70)
23137	OJ000314_10.0420.C1.p4.np	snf2_n(HMM:4e-17)
23138	OJ000314_10.0420.C1.p5.np	snf2_n(HMM:1.8e-67)
23139	OJ000315_15.0424.C12.p1.np	snf2_n(HMM:6.5e-76)
23140	OJ000321_27.0419.C10.p1.np	snf2_n(HMM:1.5e-07)
23141	OJ000330_24.0419.C10.p1.np	snf2_n(HMM:6.6e-10)
23142	OJ000350_62.0404.C6.p5.np	snf2_n(HMM:1.3e-80)
23143	OJ000350_67.0328.C16.p1.np	snf2_n(HMM:4.9e-05)
23144	OJ000350_67.0328.C17.p1.np	snf2_n(HMM:0.072)
23145	OJ990311_09.9819.C15.p6.np	snf2_n(HMM:3.1e-07)
23146	OJ990318_06.0228.C43.p1.np	snf2_n(HMM:9.8e-101)
23147	OJ990323_18.0419.C7.p1.np	snf2_n(HMM:3.9e-123)
23148	OJ990405_09.9819.C3.p1.np	snf2_n(HMM:0.0049)
23149	OJ990423_06.9819.C10.p1.np	snf2_n(HMM:9.9e-137)
23150	OJ990423_06.9819.C11.p1.np	snf2_n(HMM:1e-55)
23151	OJ990423_06.9819.C26.p1.np	snf2_n(HMM:1e-56)
23152	OJ990428_26.9819.C15.p2.np	snf2_n(HMM:0.002)
23153	OJ990428_26.9819.C16.p1.np	snf2_n(HMM:0.00051)
23154	OJ990428_26.9819.C16.p2.np	snf2_n(HMM:0.0064)
23155	OJ990503_03.9A01.C4.p1.np	snf2_n(HMM:5.6e-05)
23156	OJ990517_13.9A08.C12.p1.np	snf2_n(HMM:1.2e-16)
23157	OJ990517_13.9A08.C6.p2.np	snf2_n(HMM:8.8e-129)
23158	OJ990520_14.9B12.C36.p2.np	snf2_n(HMM:5.1e-08)
23159	OJ990520_22.9A22.C6.p1.np	snf2_n(HMM:0.071)
23160	OJ990618_12.9921.C48.p1.np	snf2_n(HMM:3.1e-45)
23161	OJ990619_53.9A29.C12.p1.np	snf2_n(HMM:0.0011)
23162	OJ990721_06.9B05.C3.p1.np	snf2_n(HMM:2.6e-117)
23163	OJ990808_45.9C06.C7.p1.np	snf2_n(HMM:2.5e-13)
23164	OJ990823_02.9B15.C1.p1.np	snf2_n(HMM:2.9e-06)
23165	OJ990903_13.0225.C30.p1.np	snf2_n(HMM:2.6e-137)
23166	OJ991015_03.0302.C2.p1.np	snf2_n(HMM:6.4e-06)
23167	OJ991022_17.0225.C19.p1.np	snf2_n(HMM:1.5e-65)

23168	OJ991113_45.0419.C6.p1.np	snf2_n(HMM:4.1e-13)
23169	OJ991201_14.0118.C4.p6.np	snf2_n(HMM:0.0065)
23170	OJ991211_57.0228.C38.p3.np	snf2_n(HMM:1.3e-101)
23171	OJ991215_18.0306.C28.p2.np	snf2_n(HMM:5.3e-139)
23172	OJ000103_03.0204.C2.p4.np	snf2_n(HMM:4.1e-92),zf-c3hc4(HMM:0.0077)
23173	OJ000103_03.0426.C2.p4.np	snf2_n(HMM:4.1e-92),zf-c3hc4(HMM:0.0077)
23174	OJ000118_23.0419.C64.p1.np	snf2_n(HMM:2.3e-06),zf-c3hc4(HMM:0.0029)
23175	OJ000250_59.0214.C30.p7.np	snf2_n(HMM:2.1e-06),zf-c3hc4(HMM:0.015)
23176	OJ000250_70.0214.C7.p2.np	snf2_n(HMM:4.1e-92),zf-c3hc4(HMM:0.0077)
23177	OJ000250_70.0303.C3.p2.np	snf2_n(HMM:4.1e-92),zf-c3hc4(HMM:0.0077)
23178	OJ000302_03.0407.C10.p1.np	snf2_n(HMM:6.1e-98),zf-c3hc4(HMM:0.11)
23179	OJ000320_32.0419.C1.p1.np	snf2_n(HMM:1.1e-12),zf-c3hc4(HMM:0.0077)
23180	OJ000350_43.0317.C20.p1.np	snf2_n(HMM:1.9e-40),zf-c3hc4(HMM:4.4e-10)
23181	OJ990405_09.9819.C35.p1.np	snf2_n(HMM:7.3e-43),zf-c3hc4(HMM:4.4e-10)
23182	OJ990517_12.9A29.C9.p1.np	snf2_n(HMM:4.1e-92),zf-c3hc4(HMM:0.0077)
23183	OJ990527_20.0419.C58.p2.np	snf2_n(HMM:1.3e-39),zf-c3hc4(HMM:4.4e-10)
23184	OJ990619_46.0103.C7.p1.np	snf2_n(HMM:4.1e-92),zf-c3hc4(HMM:0.0077)
23185	OJ990826_03.0103.C11.p1.np	snf2_n(HMM:4.2e-53),zf-c3hc4(HMM:2.5e-09)
23186	OJ991028_10.0118.C2.p1.np	snf2_n(HMM:8e-91),zf-c3hc4(HMM:0.0077)
23187	OJ991119_18.9C21.C30.p1.np	snf2_n(HMM:1.8e-90),zf-c3hc4(HMM:0.0019)
23188	OJ000103_03.0204.C2.p2.np	snf2_n(HMM:1.9e-95),zf-c3hc4(HMM:0.0077),zf-cchc(HMM:0.006)
23189	OJ000103_03.0426.C2.p2.np	snf2_n(HMM:1.9e-95),zf-c3hc4(HMM:0.0077),zf-cchc(HMM:0.006)
23190	OJ000112_18.0224.C6.p1.np	srf-tf(HMM:6.7e-36)
23191	OJ000112_18.0426.C6.p1.np	srf-tf(HMM:6.7e-36)
23192	OJ000113_15.0210.C12.p4.np	srf-tf(HMM:2e-32)
23193	OJ000126_02.0303.C22.p1.np	srf-tf(HMM:2.2e-31)
23194	OJ000150_15.0124.C22.p1.np	srf-tf(HMM:3.7e-35)
23195	OJ000150_17.0124.C78.p1.np	srf-tf(HMM:0.27)
23196	OJ000150_24.0124.C1.p1.np	srf-tf(HMM:3.9e-36)
23197	OJ000150_31.0124.C18.p1.np	srf-tf(HMM:0.27)
23198	OJ000150_31.0124.C19.p1.np	srf-tf(HMM:0.47)
23199	OJ000150_31.0124.C41.p1.np	srf-tf(HMM:0.27)
23200	OJ000207_26.0419.C7.p1.np	srf-tf(HMM:3.1e-18)
23201	OJ000209_11.0307.C6.p2.np	srf-tf(HMM:8.4e-23)



23202	OJ000209_23.0320.C9.p1.np	srf-tf(HMM:6.1e-28)
23203	OJ000210_21.0419.C15.p3.np	srf-tf(HMM:2.1e-29)
23204	OJ000217_13.0320.C4.p2.np	srf-tf(HMM:8.6e-27)
23205	OJ000224_03.0404.C5.p1.np	srf-tf(HMM:1.7e-23)
23206	OJ000250_82.0320.C49.p1.np	srf-tf(HMM:4.2e-34)
23207	OJ000251_33.0331.C49.p1.np	srf-tf(HMM:1.1e-06)
23208	OJ000251_34.0303.C14.p2.np	srf-tf(HMM:2.2e-31)
23209	OJ000301_17.0410.C6.p1.np	srf-tf(HMM:3.4e-15)
23210	OJ000320_35.0412.C11.p1.np	srf-tf(HMM:7.7e-34)
23211	OJ000321_12.0419.C7.p1.np	srf-tf(HMM:6.7e-36)
23212	OJ000330_19.0419.C16.p1.np	srf-tf(HMM:1.7e-30)
23213	OJ000404_14.0424.C22.p1.np	srf-tf(HMM:2.1e-29)
23214	OJ990202_02.9819.C25.p1.np	srf-tf(HMM:3.8e-30)
23215	OJ990318_15.9819.C2.p4.np	srf-tf(HMM:5.6e-22)
23216	OJ990318_15.9819.C2.p7.np	srf-tf(HMM:5.6e-22)
23217	OJ990324_01.0103.C51.p1.np	srf-tf(HMM:1.5e-10)
23218	OJ990409_09.0204.C119.p1.np	srf-tf(HMM:1.8e-11)
23219	OJ990409_10.9922.C13.p2.np	srf-tf(HMM:2.8e-19)
23220	OJ990421_05.9C03.C12.p1.np	srf-tf(HMM:1.8e-28)
23221	OJ990421_05.9C03.C38.p1.np	srf-tf(HMM:9.5e-22)
23222	OJ990421_22.9A01.C41.p1.np	srf-tf(HMM:4e-18)
23223	OJ990510_04.9919.C19.p1.np	srf-tf(HMM:0.27)
23224	OJ990527_36.9922.C5.p1.np	srf-tf(HMM:1.1e-15)
23225	OJ990528_02.9A25.C9.p1.np	srf-tf(HMM:2.8e-34)
23226	OJ990618_10.9C10.C14.p1.np	srf-tf(HMM:2.8e-19)
23227	OJ990620_35.0114.C10.p2.np	srf-tf(HMM:6.7e-36)
23228	OJ990713_05.9924.C3.p2.np	srf-tf(HMM:5.6e-15)
23229	OJ990714_02.9C17.C11.p4.np	srf-tf(HMM:1.2e-10)
23230	OJ990822_51.9C23.C7.p2.np	srf-tf(HMM:1.4e-22)
23231	OJ990823_06.9B03.C13.p1.np	srf-tf(HMM:1e-38)
23232	OJ990826_02.9B04.C1.p1.np	srf-tf(HMM:1.1e-32)
23233	OJ990915_06.9B15.C22.p1.np	srf-tf(HMM:1.7e-31)
23234	OJ990923_18.9B12.C11.p1.np	srf-tf(HMM:0.47)
23235	OJ991012_15.0225.C4.p1.np	srf-tf(HMM:3.5e-07)
23236	OJ991020_07.0202.C14.p3.np	srf-tf(HMM:1.2e-32)
23237	OJ991027_09.0207.C3.p1.np	srf-tf(HMM:5.2e-23)
23238	OJ991112_16.0104.C7.p3.np	srf-tf(HMM:5.6e-22)
23239	OJ991113_34.0421.C10.p2.np	srf-tf(HMM:7.2e-29)
23240	OJ991113_34.9C27.C28.p3.np	srf-tf(HMM:7.2e-29)
23241	OJ991117_15.0331.C5.p1.np	srf-tf(HMM:1.1e-15)
23242	OJ991122_19.0330.C3.p1.np	srf-tf(HMM:1.8e-11)
23243	OJ991208_01.0110.C8.p4.np	srf-tf(HMM:2.2e-21)
23244	OJ991208_14.0104.C2.p1.np	srf-tf(HMM:0.27)
23245	OJ991214_09.0112.C5.p4.np	srf-tf(HMM:0.27)
23246	OJ000113_05.0222.C1.p1.np	tbp(HMM:8.2e-06)
23247	OJ000113_05.0222.C14.p1.np	tbp(HMM:0.0033)
23248	OJ000113_05.0426.C1.p1.np	tbp(HMM:8.2e-06)
23249	OJ000113_05.0426.C14.p1.np	tbp(HMM:0.0033)
23250	OJ000102_56.0407.C45.p3.np	teo(HMM:1.6e-18)
23251	OJ000102_56.0426.C45.p3.np	teo(HMM:1.6e-18)
23252	OJ000110_19.0303.C9.p1.np	teo(HMM:2.2e-35)
23253	OJ000110_19.0426.C9.p1.np	teo(HMM:2.2e-35)
23254	OJ000113_22.0225.C12.p1.np	teo(HMM:2.7e-32)
23255	OJ000209_20.0313.C23.p1.np	teo(HMM:5.6e-17)

23256	OJ000211_08.0323.C6.p1.np	teo(HMM:3.8e-05)
23257	OJ000250_48.0211.C10.p2.np	teo(HMM:6.1e-05)
23258	OJ000251_42.0328.C11.p3.np	teo(HMM:1.5e-22)
23259	OJ000301_06.0419.C13.p1.np	teo(HMM:1.5e-30)
23260	OJ000310_32.0419.C7.p2.np	teo(HMM:3.1e-33)
23261	OJ000313_06.0419.C23.p4.np	teo(HMM:2.1)
23262	OJ000314_10.0411.C5.p3.np	teo(HMM:3.9e-09)
23263	OJ000314_10.0420.C2.p3.np	teo(HMM:3.9e-09)
23264	OJ000314_31.0419.C6.p1.np	teo(HMM:2.7e-37)
23265	OJ000315_29.0419.C13.p1.np	teo(HMM:2.7e-37)
23266	OJ000317_14.0419.C14.p2.np	teo(HMM:2.7e-30)
23267	OJ000321_12.0419.C13.p1.np	teo(HMM:1.9e-30)
23268	OJ000321_38.0419.C16.p2.np	teo(HMM:6e-23)
23269	OJ000323_34.0420.C12.p3.np	teo(HMM:2.1)
23270	OJ000328_06.0419.C18.p1.np	teo(HMM:3e-33)
23271	OJ000350_56.0322.C10.p2.np	teo(HMM:9.2e-31)
23272	OJ990408_08.9B12.C37.p1.np	teo(HMM:9.2e-31)
23273	OJ990421_04.9919.C46.p3.np	teo(HMM:8.1e-06)
23274	OJ990526_03.9B05.C13.p3.np	teo(HMM:2.1)
23275	OJ990620_35.0114.C7.p6.np	teo(HMM:1.9e-30)
23276	OJ990729_12.9B19.C18.p1.np	teo(HMM:1.5e-30)
23277	OJ990810_10.9C23.C9.p2.np	teo(HMM:5e-25)
23278	OJ990821_61.9C20.C7.p4.np	teo(HMM:1.2e-27)
23279	OJ990821_61.9C20.C7.p5.np	teo(HMM:6.2e-26)
23280	OJ991007_18.0120.C6.p3.np	teo(HMM:3.7e-30)
23281	OJ991013_10.0110.C11.p1.np	teo(HMM:5.9e-41)
23282	OJ991119_17.0126.C12.p1.np	teo(HMM:3.1e-33)
23283	OJ991202_05.0421.C2.p6.np	teo(HMM:9.2e-31)
23284	OJ991202_05.9C30.C2.p6.np	teo(HMM:9.2e-31)
23285	OJ991217_20.0218.C9.p4.np	teo(HMM:1.9e-35)
23286	OJ000221_24.0315.C6.p2.np	tfiis(HMM:0.0067)
23287	OJ000229_15.0419.C10.p3.np	tfiis(HMM:7.5e-22)
23288	OJ000302_11.0403.C6.p4.np	tfiis(HMM:1.1e-17)
23289	OJ000350_70.0328.C6.p6.np	tfiis(HMM:7.5e-22)
23290	OJ000350_70.0328.C6.p7.np	tfiis(HMM:7.5e-22)
23291	OJ990430_12.9927.C7.p2.np	tfiis(HMM:5.5e-13)
23292	OJ991027_14.0308.C27.p1.np	tfiis(HMM:7.5e-22)
23293	OJ991113_35.0112.C2.p8.np	tfiis(HMM:1.1e-17)
23294	OJ000350_16.0419.C47.p1.np	tfiis(HMM:0.095),zf-c2h2(HMM:1.2e-08)
23295	OJ000122_36.0307.C39.p1.np	transcript_fac2(HMM:9.3e-28)
23296	OJ000250_93.0307.C13.p1.np	transcript_fac2(HMM:9.3e-28)
23297	OJ990308_11.0307.C15.p1.np	transcript_fac2(HMM:7.8e-09)
23298	OJ990602_03.0107.C39.p1.np	transcript_fac2(HMM:3e-46)
23299	OJ990602_03.0107.C4.p1.np	transcript_fac2(HMM:2.8e-20)
23300	OJ990823_08.9B10.C5.p2.np	transcript_fac2(HMM:9.5e-57)
23301	OJ000118_12.0215.C22.p1.np	trihelix(HMM:2.4e-10)
23302	OJ000125_02.0303.C27.p1.np	trihelix(HMM:0.28)
23303	OJ000223_09.0322.C5.p2.np	trihelix(HMM:2.2e-47)
23304	OJ000250_76.0214.C15.p1.np	trihelix(HMM:2.1)
23305	OJ000251_26.0303.C7.p1.np	trihelix(HMM:0.28)
23306	OJ000251_26.0303.C7.p2.np	trihelix(HMM:0.28)
23307	OJ000251_26.0323.C8.p1.np	trihelix(HMM:0.28)
23308	OJ000251_26.0323.C8.p2.np	trihelix(HMM:0.28)

23309	OJ000310_06.0417.C14.p1.np	trihelix(HMM:1.3e-05)
23310	OJ000316_09.0419.C39.p1.np	trihelix(HMM:4.4e-20)
23311	OJ990318_06.0228.C89.p1.np	trihelix(HMM:8.4e-07)
23312	OJ990408_08.9B12.C14.p1.np	trihelix(HMM:2.4e-11)
23313	OJ990408_08.9B12.C30.p1.np	trihelix(HMM:9.9e-125)
23314	OJ990421_23.9923.C5.p1.np	trihelix(HMM:3.7e-118)
23315	OJ990429_24.0128.C28.p1.np	trihelix(HMM:1.5e-55)
23316	OJ990429_24.0128.C29.p1.np	trihelix(HMM:1.6e-60)
23317	OJ990501_23.9C03.C1.p5.np	trihelix(HMM:0.00063)
23318	OJ990517_24.9A01.C32.p1.np	trihelix(HMM:2.6e-21)
23319	OJ990831_01.0419.C11.p1.np	trihelix(HMM:8.1e-59)
23320	OJ990831_01.0419.C12.p1.np	trihelix(HMM:5e-56)
23321	OJ990915_06.9B15.C10.p1.np	trihelix(HMM:2.1e-46)
23322	OJ990923_10.9A29.C13.p1.np	trihelix(HMM:0.00013)
23323	OJ991110_16.0410.C18.p1.np	trihelix(HMM:1.5e-55)
23324	OJ991110_16.0410.C19.p1.np	trihelix(HMM:1.2e-08)
23325	OJ991202_15.0118.C1.p5.np	trihelix(HMM:0.022)
23326	OJ000110_03.0426.C14.p1.np	wrky(HMM:8.4e-17)
23327	OJ000110_04.0426.C19.p2.np	wrky(HMM:2.1e-38)
23328	OJ000110_04.0426.C7.p2.np	wrky(HMM:1.5e-43)
23329	OJ000111_13.0222.C2.p1.np	wrky(HMM:6.1e-24)
23330	OJ000111_13.0426.C2.p1.np	wrky(HMM:6.1e-24)
23331	OJ000114_19.0307.C8.p3.np	wrky(HMM:6e-87)
23332	OJ000119_08.0302.C10.p3.np	wrky(HMM:3.5e-22)
23333	OJ000122_44.0406.C9.p3.np	wrky(HMM:6.4e-41)
23334	OJ000130_45.0328.C11.p1.np	wrky(HMM:1.4e-20)
23335	OJ000130_45.0328.C3.p6.np	wrky(HMM:3.1e-29)
23336	OJ000150_00.0124.C17.p1.np	wrky(HMM:1.3e-36)
23337	OJ000150_00.0124.C61.p1.np	wrky(HMM:4.7e-36)
23338	OJ000207_27.0406.C33.p1.np	wrky(HMM:8.3e-44)
23339	OJ000208_25.0419.C15.p1.np	wrky(HMM:1.8e-40)
23340	OJ000210_10.0307.C3.p1.np	wrky(HMM:3.2e-34)
23341	OJ000216_03.0330.C44.p1.np	wrky(HMM:2.6e-37)
23342	OJ000217_16.0403.C2.p3.np	wrky(HMM:8.4e-28)
23343	OJ000222_09.0330.C10.p5.np	wrky(HMM:5.3e-39)
23344	OJ000222_15.0406.C2.p7.np	wrky(HMM:1.8e-07)
23345	OJ000229_06.0323.C14.p3.np	wrky(HMM:4.3e-36)
23346	OJ000250_12.0209.C20.p2.np	wrky(HMM:6.6e-14)
23347	OJ000250_31.0217.C50.p1.np	wrky(HMM:3.1e-36)
23348	OJ000250_52.0214.C21.p2.np	wrky(HMM:3.7e-76)
23349	OJ000251_09.0406.C4.p1.np	wrky(HMM:7.8e-28)
23350	OJ000251_45.0217.C20.p1.np	wrky(HMM:6.1e-40)
23351	OJ000251_47.0320.C15.p1.np	wrky(HMM:2.1e-38)
23352	OJ000301_27.0419.C18.p1.np	wrky(HMM:3.2e-32)
23353	OJ000303_03.0419.C12.p1.np	wrky(HMM:2.8e-41)
23354	OJ000303_13.0407.C26.p3.np	wrky(HMM:3.2e-32)
23355	OJ000307_27.0419.C17.p2.np	wrky(HMM:7.1e-35)
23356	OJ000307_28.0417.C2.p1.np	wrky(HMM:2.2e-38)
23357	OJ000310_09.0419.C25.p1.np	wrky(HMM:1.5e-34)
23358	OJ000310_18.0418.C8.p1.np	wrky(HMM:1.6e-31)
23359	OJ000310_18.0418.C9.p1.np	wrky(HMM:2.6e-39)
23360	OJ000314_32.0412.C7.p2.np	wrky(HMM:6.6e-33)
23361	OJ000314_36.0419.C13.p3.np	wrky(HMM:7.1e-35)
23362	OJ000314_36.0419.C4.p2.np	wrky(HMM:8.7e-34)

23363	OJ000320_17.0420.C7.p1.np	wrky(HMM:8.4e-39)
23364	OJ000320_21.0419.C22.p1.np	wrky(HMM:8.9e-39)
23365	OJ000320_21.0419.C7.p1.np	wrky(HMM:3.2e-34)
23366	OJ000321_11.0419.C16.p1.np	wrky(HMM:8.9e-39)
23367	OJ000323_08.0419.C11.p1.np	wrky(HMM:7.6e-41)
23368	OJ000327_14.0420.C20.p2.np	wrky(HMM:1.5e-22)
23369	OJ000327_14.0420.C24.p4.np	wrky(HMM:8.3e-21)
23370	OJ000327_16.0420.C33.p2.np	wrky(HMM:7.2e-37)
23371	OJ000327_24.0425.C25.p1.np	wrky(HMM:6.6e-40)
23372	OJ000328_19.0419.C27.p3.np	wrky(HMM:1.5e-34)
23373	OJ000330_26.0419.C29.p1.np	wrky(HMM:1.5e-09)
23374	OJ000331_02.0419.C17.p1.np	wrky(HMM:1.7)
23375	OJ000331_10.0419.C14.p2.np	wrky(HMM:4.8e-36)
23376	OJ000350_24.0314.C17.p3.np	wrky(HMM:1.1e-91)
23377	OJ000350_55.0419.C10.p1.np	wrky(HMM:0.00044)
23378	OJ000350_56.0322.C6.p1.np	wrky(HMM:9.9e-14)
23379	OJ000350_56.0322.C7.p2.np	wrky(HMM:0.00025)
23380	OJ000350_58.0327.C33.p2.np	wrky(HMM:5.4e-12)
23381	OJ000403_18.0419.C10.p2.np	wrky(HMM:1e-34)
23382	OJ000404_07.0421.C1.p1.np	wrky(HMM:6e-87)
23383	OJ990323_15.9A11.C3.p1.np	wrky(HMM:4.7e-36)
23384	OJ990325_03.9A14.C37.p3.np	wrky(HMM:0.44)
23385	OJ990402_32.9819.C8.p3.np	wrky(HMM:2.1e-37)
23386	OJ990414_06.9C10.C5.p2.np	wrky(HMM:3.9e-88)
23387	OJ990414_10.9819.C2.p3.np	wrky(HMM:4.2e-36)
23388	OJ990414_11.9819.C10.p3.np	wrky(HMM:1.8e-44)
23389	OJ990415_08.9922.C11.p5.np	wrky(HMM:3.9e-88)
23390	OJ990421_05.9C03.C27.p1.np	wrky(HMM:5.1e-23)
23391	OJ990428_05.9819.C11.p1.np	wrky(HMM:0.11)
23392	OJ990428_05.9819.C26.p1.np	wrky(HMM:1.5e-09)
23393	OJ990428_05.9819.C57.p1.np	wrky(HMM:0.027)
23394	OJ990428_05.9819.C75.p1.np	wrky(HMM:0.0014)
23395	OJ990428_26.9819.C11.p2.np	wrky(HMM:0.0042)
23396	OJ990428_26.9819.C12.p1.np	wrky(HMM:1.5e-07)
23397	OJ990503_08.9924.C52.p3.np	wrky(HMM:1.5e-18)
23398	OJ990503_08.9924.C74.p1.np	wrky(HMM:2.6e-08)
23399	OJ990503_08.9924.C96.p3.np	wrky(HMM:0.31)
23400	OJ990524_11.9921.C11.p2.np	wrky(HMM:5.4e-12)
23401	OJ990528_01.9921.C25.p1.np	wrky(HMM:1.1e-46)
23402	OJ990528_10.0419.C12.p1.np	wrky(HMM:2.5e-12)
23403	OJ990528_10.0419.C75.p1.np	wrky(HMM:3e-44)
23404	OJ990603_08.0419.C13.p1.np	wrky(HMM:2.4e-09)
23405	OJ990605_41.0225.C1.p2.np	wrky(HMM:7.2e-43)
23406	OJ990612_30.9B05.C22.p1.np	wrky(HMM:1.9e-35)
23407	OJ990617_02.9B01.C14.p1.np	wrky(HMM:8.4e-17)
23408	OJ990627_47.9A01.C11.p1.np	wrky(HMM:1.2e-15)
23409	OJ990627_47.9A01.C12.p4.np	wrky(HMM:7.3e-23)
23410	OJ990627_47.9A01.C7.p1.np	wrky(HMM:8.3e-21)
23411	OJ990627_47.9A01.C9.p1.np	wrky(HMM:2.1e-20)
23412	OJ990709_08.9C10.C2.p2.np	wrky(HMM:6e-87)
23413	OJ990716_09.9B08.C2.p1.np	wrky(HMM:3.8e-46)
23414	OJ990802_09.9B24.C2.p1.np	wrky(HMM:1.1e-78)
23415	OJ990802_12.0218.C46.p1.np	wrky(HMM:1.9e-05)
23416	OJ990804_05.9B12.C17.p1.np	wrky(HMM:1.5e-09)

23417	OJ990804_05.9B12.C18.p1.np	wrky(HMM:0.0014)
23418	OJ990810_10.9C23.C2.p1.np	wrky(HMM:3.5e-37)
23419	OJ990818_16.9C10.C39.p3.np	wrky(HMM:4.3e-36)
23420	OJ990820_06.0215.C5.p1.np	wrky(HMM:5.3e-39)
23421	OJ990821_61.9C20.C7.p1.np	wrky(HMM:8.3e-44)
23422	OJ990825_14.9B15.C13.p1.np	wrky(HMM:6.1e-28)
23423	OJ990825_14.9B15.C13.p2.np	wrky(HMM:3.7e-09)
23424	OJ990825_14.9B15.C3.p1.np	wrky(HMM:1.5e-20)
23425	OJ990826_07.0103.C10.p3.np	wrky(HMM:2.8e-41)
23426	OJ990908_19.9C10.C15.p2.np	wrky(HMM:6.7e-05)
23427	OJ990913_14.9B19.C18.p3.np	wrky(HMM:2.8e-41)
23428	OJ990917_16.9B08.C13.p1.np	wrky(HMM:7.6e-41)
23429	OJ991022_09.0210.C10.p4.np	wrky(HMM:4.6e-20)
23430	OJ991022_09.0210.C14.p3.np	wrky(HMM:6.5e-18)
23431	OJ991026_12.0202.C2.p1.np	wrky(HMM:0.017)
23432	OJ991026_12.0202.C3.p1.np	wrky(HMM:1.5e-14)
23433	OJ991028_05.0211.C2.p1.np	wrky(HMM:7.6e-41)
23434	OJ991106_42.0103.C4.p1.np	wrky(HMM:4.6e-40)
23435	OJ991108_07.0125.C2.p4.np	wrky(HMM:9.5e-08)
23436	OJ991109_03.0218.C14.p1.np	wrky(HMM:8.4e-17)
23437	OJ991110_15.0218.C9.p3.np	wrky(HMM:4.1e-39)
23438	OJ991114_35.0419.C23.p1.np	wrky(HMM:1.3e-39)
23439	OJ991202_08.0421.C36.p6.np	wrky(HMM:7.6e-41)
23440	OJ991202_08.9C30.C35.p1.np	wrky(HMM:7.6e-41)
23441	OJ991203_01.0128.C6.p3.np	wrky(HMM:4.8e-39)
23442	OJ991214_03.0114.C4.p2.np	wrky(HMM:1.2e-23)
23443	OJ991216_02.0218.C15.p2.np	wrky(HMM:5.1e-36)
23444	OJ991216_03.0419.C6.p2.np	wrky(HMM:2.8e-41)
23445	OJ991217_03.0211.C3.p4.np	wrky(HMM:6.1e-41)
23446	OJ991217_03.0303.C3.p3.np	wrky(HMM:6.1e-41)
23447	OJ991220_02.0127.C2.p1.np	wrky(HMM:3.2e-32)
23448	OJ991226_43.0315.C5.p1.np	wrky(HMM:7.6e-41)
23449	OJ991226_43.0315.C5.p2.np	wrky(HMM:7.6e-41)
23450	OJ000118_04.0218.C6.p5.np	zf-b_box(HMM:0.0033),zf-constans(HMM:6.2e-20)
23451	OJ000118_04.0310.C5.p5.np	zf-b_box(HMM:0.0033),zf-constans(HMM:6.2e-20)
23452	OJ000207_11.0306.C7.p1.np	zf-b_box(HMM:0.0033),zf-constans(HMM:6.2e-20)
23453	OJ000223_06.0316.C8.p4.np	zf-b_box(HMM:0.00017),zf-constans(HMM:1.7e-42)
23454	OJ990315_09.0128.C10.p1.np	zf-b_box(HMM:0.02),zf-constans(HMM:2.5e-26)
23455	OJ990315_09.0421.C10.p1.np	zf-b_box(HMM:0.02),zf-constans(HMM:2.5e-26)
23456	OJ990503_29.9919.C6.p2.np	zf-b_box(HMM:0.0038),zf-constans(HMM:1.7e-34)
23457	OJ990605_32.9C03.C4.p4.np	zf-b_box(HMM:0.017),zf-constans(HMM:6.2e-20)
23458	OJ990701_09.9A01.C13.p1.np	zf-b_box(HMM:0.02),zf-constans(HMM:4.2e-41)
23459	OJ990808_36.9C20.C5.p6.np	zf-b_box(HMM:0.023),zf-constans(HMM:1.3e-15)
23460	OJ990810_03.0203.C7.p1.np	zf-b_box(HMM:0.0038),zf-

23461	OJ990810_08.0103.C12.p2.np	constans(HMM:1.7e-34) zf-b_box(HMM:0.0038),zf-
23462	OJ991106_43.0105.C8.p1.np	constans(HMM:1.7e-34) zf-b_box(HMM:0.02),zf-
23463	OJ991201_08.9C23.C3.p1.np	constans(HMM:2.5e-26) zf-b_box(HMM:0.079),zf-
23464	OJ000102_54.0426.C100.p1.np	constans(HMM:7.7e-30) zf-c2h2(HMM:1.2e-10)
23465	OJ000105_11.0214.C14.p1.np	zf-c2h2(HMM:0.0012)
23466	OJ000105_11.0310.C10.p4.np	zf-c2h2(HMM:0.0012)
23467	OJ000105_11.0426.C10.p4.np	zf-c2h2(HMM:0.0012)
23468	OJ000105_17.0207.C12.p3.np	zf-c2h2(HMM:0.00037)
23469	OJ000105_17.0426.C12.p3.np	zf-c2h2(HMM:0.00037)
23470	OJ000107_03.0207.C10.p1.np	zf-c2h2(HMM:0.003)
23471	OJ000107_03.0310.C11.p1.np	zf-c2h2(HMM:0.003)
23472	OJ000107_03.0426.C11.p1.np	zf-c2h2(HMM:0.003)
23473	OJ000108_54.0419.C5.p1.np	zf-c2h2(HMM:1.4e-06)
23474	OJ000108_54.0426.C5.p1.np	zf-c2h2(HMM:1.4e-06)
23475	OJ000113_09.0223.C8.p1.np	zf-c2h2(HMM:0.013)
23476	OJ000113_09.0426.C8.p1.np	zf-c2h2(HMM:0.013)
23477	OJ000115_33.0331.C30.p1.np	zf-c2h2(HMM:7e-12)
23478	OJ000150_34.0225.C11.p2.np	zf-c2h2(HMM:1.3e-10)
23479	OJ000150_34.0225.C11.p3.np	zf-c2h2(HMM:1.8e-06)
23480	OJ000210_18.0310.C10.p1.np	zf-c2h2(HMM:2.3e-09)
23481	OJ000210_18.0310.C2.p5.np	zf-c2h2(HMM:5.8e-05)
23482	OJ000210_24.0316.C2.p1.np	zf-c2h2(HMM:5.8e-05)
23483	OJ000214_02.0321.C8.p1.np	zf-c2h2(HMM:0.016)
23484	OJ000217_02.0313.C5.p1.np	zf-c2h2(HMM:0.0054)
23485	OJ000223_21.0327.C2.p2.np	zf-c2h2(HMM:1e-10)
23486	OJ000250_26.0225.C5.p1.np	zf-c2h2(HMM:1.4e-08)
23487	OJ000250_68.0211.C7.p2.np	zf-c2h2(HMM:0.0074)
23488	OJ000251_12.0217.C37.p1.np	zf-c2h2(HMM:3.9e-08)
23489	OJ000251_35.0218.C28.p4.np	zf-c2h2(HMM:4.6e-05)
23490	OJ000251_35.0218.C29.p1.np	zf-c2h2(HMM:0.00018)
23491	OJ000251_40.0303.C38.p1.np	zf-c2h2(HMM:2e-10)
23492	OJ000251_45.0217.C17.p1.np	zf-c2h2(HMM:1.8e-06)
23493	OJ000301_23.0419.C22.p1.np	zf-c2h2(HMM:0.091)
23494	OJ000306_05.0419.C29.p3.np	zf-c2h2(HMM:0.091)
23495	OJ000308_22.0419.C20.p2.np	zf-c2h2(HMM:0.0079)
23496	OJ000310_12.0419.C19.p1.np	zf-c2h2(HMM:8.9e-10)
23497	OJ000310_31.0425.C2.p3.np	zf-c2h2(HMM:0.071)
23498	OJ000313_16.0419.C47.p1.np	zf-c2h2(HMM:0.078)
23499	OJ000313_31.0421.C13.p1.np	zf-c2h2(HMM:3.4e-07)
23500	OJ000314_11.0421.C6.p1.np	zf-c2h2(HMM:0.025)
23501	OJ000316_14.0419.C28.p1.np	zf-c2h2(HMM:2.7e-07)
23502	OJ000321_17.0419.C13.p1.np	zf-c2h2(HMM:1e-10)
23503	OJ000322_05.0419.C9.p1.np	zf-c2h2(HMM:0.027)
23504	OJ000322_12.0424.C17.p1.np	zf-c2h2(HMM:0.00037)
23505	OJ000322_17.0419.C9.p1.np	zf-c2h2(HMM:0.003)
23506	OJ000324_27.0420.C35.p1.np	zf-c2h2(HMM:1.2e-08)
23507	OJ000327_15.0424.C39.p1.np	zf-c2h2(HMM:1.8e-06)
23508	OJ000327_15.0424.C39.p2.np	zf-c2h2(HMM:1.3e-10)
23509	OJ000327_26.0417.C24.p1.np	zf-c2h2(HMM:0.017)
23510	OJ000327_29.0419.C29.p2.np	zf-c2h2(HMM:5.6e-09)

23511	OJ000328_11.0419.C9.p1.np	zf-c2h2(HMM:5.4e-05)
23512	OJ000330_11.0419.C27.p3.np	zf-c2h2(HMM:1.1e-08)
23513	OJ000330_11.0419.C29.p1.np	zf-c2h2(HMM:2.7e-06)
23514	OJ000330_40.0424.C11.p1.np	zf-c2h2(HMM:6.8e-05)
23515	OJ000350_16.0419.C44.p1.np	zf-c2h2(HMM:1.7e-08)
23516	OJ000403_04.0421.C8.p1.np	zf-c2h2(HMM:1.7e-17)
23517	OJ000403_14.0419.C7.p1.np	zf-c2h2(HMM:0.013)
23518	OJ000404_22.0424.C14.p1.np	zf-c2h2(HMM:2.4e-08)
23519	OJ000404_22.0424.C27.p1.np	zf-c2h2(HMM:1.4e-08)
23520	OJ990301_08.9819.C35.p1.np	zf-c2h2(HMM:4.4e-06)
23521	OJ990301_09.9819.C4.p5.np	zf-c2h2(HMM:1.9e-08)
23522	OJ990301_10.9B03.C4.p2.np	zf-c2h2(HMM:4e-06)
23523	OJ990301_10.9B03.C4.p3.np	zf-c2h2(HMM:4e-06)
23524	OJ990318_08.9C23.C91.p2.np	zf-c2h2(HMM:1.6e-15)
23525	OJ990325_01.9C03.C15.p2.np	zf-c2h2(HMM:0.018)
23526	OJ990326_01.9C01.C19.p1.np	zf-c2h2(HMM:7.7e-11)
23527	OJ990326_01.9C01.C19.p2.np	zf-c2h2(HMM:3.8e-10)
23528	OJ990331_10.9A01.C5.p16.np	zf-c2h2(HMM:1.3e-10)
23529	OJ990412_04.9923.C27.p4.np	zf-c2h2(HMM:1.4e-08)
23530	OJ990415_12.9C10.C48.p2.np	zf-c2h2(HMM:1.4e-08)
23531	OJ990428_06.9A08.C33.p2.np	zf-c2h2(HMM:0.0022)
23532	OJ990429_07.9927.C27.p2.np	zf-c2h2(HMM:1.8e-11)
23533	OJ990430_01.9C03.C68.p1.np	zf-c2h2(HMM:1.6e-08)
23534	OJ990430_26.9B12.C13.p1.np	zf-c2h2(HMM:1.2e-29)
23535	OJ990502_23.9B12.C4.p1.np	zf-c2h2(HMM:0.078)
23536	OJ990517_24.9A01.C21.p2.np	zf-c2h2(HMM:7.6e-05)
23537	OJ990524_03.0103.C37.p1.np	zf-c2h2(HMM:0.041)
23538	OJ990524_07.0128.C28.p2.np	zf-c2h2(HMM:4e-06)
23539	OJ990527_24.9A20.C4.p2.np	zf-c2h2(HMM:0.00036)
23540	OJ990528_06.9C03.C33.p1.np	zf-c2h2(HMM:0.016)
23541	OJ990530_44.9819.C1.p8.np	zf-c2h2(HMM:5.4e-08)
23542	OJ990603_03.0419.C15.p1.np	zf-c2h2(HMM:0.059)
23543	OJ990706_08.9A01.C8.p2.np	zf-c2h2(HMM:1.1e-10)
23544	OJ990715_06.9A01.C3.p5.np	zf-c2h2(HMM:4.6e-10)
23545	OJ990716_06.9819.C17.p2.np	zf-c2h2(HMM:5.2e-06)
23546	OJ990726_04.9C03.C3.p10.np	zf-c2h2(HMM:2.4e-08)
23547	OJ990726_04.9C03.C3.p8.np	zf-c2h2(HMM:2.4e-08)
23548	OJ990804_01.9C17.C32.p2.np	zf-c2h2(HMM:1.3e-06)
23549	OJ990804_04.9C23.C43.p2.np	zf-c2h2(HMM:1.1e-10)
23550	OJ990804_14.9B12.C15.p1.np	zf-c2h2(HMM:1.1e-10)
23551	OJ990809_01.0303.C46.p1.np	zf-c2h2(HMM:2e-10)
23552	OJ990821_55.0110.C9.p2.np	zf-c2h2(HMM:0.1)
23553	OJ990822_42.0419.C67.p1.np	zf-c2h2(HMM:5e-08)
23554	OJ990825_07.9B16.C8.p2.np	zf-c2h2(HMM:0.013)
23555	OJ990827_09.0103.C27.p2.np	zf-c2h2(HMM:2.9e-08)
23556	OJ990914_01.9B05.C7.p3.np	zf-c2h2(HMM:2.2e-18)
23557	OJ990923_14.0228.C50.p1.np	zf-c2h2(HMM:3.2e-11)
23558	OJ991008_04.0121.C8.p1.np	zf-c2h2(HMM:1.7e-08)
23559	OJ991012_10.0127.C15.p1.np	zf-c2h2(HMM:3.4e-07)
23560	OJ991018_04.0211.C28.p1.np	zf-c2h2(HMM:5e-08)
23561	OJ991019_20.0419.C2.p3.np	zf-c2h2(HMM:1.7e-11)
23562	OJ991020_10.0119.C18.p1.np	zf-c2h2(HMM:0.0015)
23563	OJ991026_06.0218.C6.p2.np	zf-c2h2(HMM:1.8e-06)
23564	OJ991026_06.0218.C7.p1.np	zf-c2h2(HMM:1.3e-10)

23565	OJ991027_16.0118.C7.p1.np	zf-c2h2(HMM:8e-11)
23566	OJ991027_18.0118.C3.p3.np	zf-c2h2(HMM:0.017)
23567	OJ991101_02.0202.C11.p1.np	zf-c2h2(HMM:0.078)
23568	OJ991109_13.0131.C14.p1.np	zf-c2h2(HMM:5.1e-07)
23569	OJ991112_01.0403.C10.p4.np	zf-c2h2(HMM:2.2e-07)
23570	OJ991112_01.0403.C10.p6.np	zf-c2h2(HMM:2.2e-07)
23571	OJ991112_14.0128.C7.p3.np	zf-c2h2(HMM:1.7e-11)
23572	OJ991113_35.0112.C2.p1.np	zf-c2h2(HMM:1.9e-10)
23573	OJ991116_02.0215.C10.p1.np	zf-c2h2(HMM:2.1e-11)
23574	OJ991118_13.0111.C3.p3.np	zf-c2h2(HMM:1.8e-06)
23575	OJ991118_13.0111.C3.p4.np	zf-c2h2(HMM:1.3e-10)
23576	OJ991120_34.0419.C16.p1.np	zf-c2h2(HMM:1.7e-11)
23577	OJ991122_12.0229.C3.p5.np	zf-c2h2(HMM:9.2e-12)
23578	OJ991122_12.0229.C3.p6.np	zf-c2h2(HMM:9.2e-12)
23579	OJ991122_12.0229.C3.p7.np	zf-c2h2(HMM:9.2e-12)
23580	OJ991214_11.0127.C2.p4.np	zf-c2h2(HMM:5.2e-06)
23581	OJ991216_06.0211.C14.p1.np	zf-c2h2(HMM:5e-08)
23582	OJ991217_20.0218.C8.p4.np	zf-c2h2(HMM:0.078)
23583	OJ000102_65.0419.C26.p3.np	zf-c3hc4(HMM:1.2e-08)
23584	OJ000102_65.0426.C26.p3.np	zf-c3hc4(HMM:1.2e-08)
23585	OJ000102_74.0317.C4.p1.np	zf-c3hc4(HMM:0.00078)
23586	OJ000102_74.0426.C4.p1.np	zf-c3hc4(HMM:0.00078)
23587	OJ000102_77.0222.C11.p3.np	zf-c3hc4(HMM:6.2e-11)
23588	OJ000102_77.0310.C11.p3.np	zf-c3hc4(HMM:6.2e-11)
23589	OJ000102_77.0426.C11.p3.np	zf-c3hc4(HMM:6.2e-11)
23590	OJ000102_79.0301.C6.p1.np	zf-c3hc4(HMM:6.7e-07)
23591	OJ000102_79.0301.C6.p2.np	zf-c3hc4(HMM:1.9e-07)
23592	OJ000102_79.0414.C6.p1.np	zf-c3hc4(HMM:6.7e-07)
23593	OJ000102_79.0414.C6.p2.np	zf-c3hc4(HMM:1.9e-07)
23594	OJ000102_79.0426.C6.p1.np	zf-c3hc4(HMM:6.7e-07)
23595	OJ000102_79.0426.C6.p2.np	zf-c3hc4(HMM:1.9e-07)
23596	OJ000102_80.0307.C10.p3.np	zf-c3hc4(HMM:2.3e-12)
23597	OJ000102_80.0307.C5.p1.np	zf-c3hc4(HMM:3.8e-12)
23598	OJ000102_80.0307.C6.p8.np	zf-c3hc4(HMM:3e-08)
23599	OJ000102_80.0426.C10.p3.np	zf-c3hc4(HMM:2.3e-12)
23600	OJ000102_80.0426.C5.p1.np	zf-c3hc4(HMM:3.8e-12)
23601	OJ000102_80.0426.C6.p8.np	zf-c3hc4(HMM:3e-08)
23602	OJ000106_07.0222.C2.p1.np	zf-c3hc4(HMM:9.9e-09)
23603	OJ000106_07.0310.C6.p1.np	zf-c3hc4(HMM:9.9e-09)
23604	OJ000106_07.0426.C6.p1.np	zf-c3hc4(HMM:9.9e-09)
23605	OJ000107_04.0210.C11.p5.np	zf-c3hc4(HMM:9.4e-13)
23606	OJ000107_04.0426.C11.p5.np	zf-c3hc4(HMM:9.4e-13)
23607	OJ000108_55.0426.C29.p1.np	zf-c3hc4(HMM:0.014)
23608	OJ000110_02.0330.C82.p1.np	zf-c3hc4(HMM:4.6e-13)
23609	OJ000110_02.0426.C82.p1.np	zf-c3hc4(HMM:4.6e-13)
23610	OJ000110_09.0308.C27.p3.np	zf-c3hc4(HMM:3.6e-12)
23611	OJ000110_09.0426.C27.p3.np	zf-c3hc4(HMM:3.6e-12)
23612	OJ000112_19.0225.C22.p1.np	zf-c3hc4(HMM:1.4e-05)
23613	OJ000112_19.0225.C4.p1.np	zf-c3hc4(HMM:6.9e-08)
23614	OJ000112_19.0225.C5.p1.np	zf-c3hc4(HMM:5.6e-05)
23615	OJ000113_02.0211.C5.p1.np	zf-c3hc4(HMM:5.6e-11)
23616	OJ000113_02.0426.C5.p1.np	zf-c3hc4(HMM:5.6e-11)
23617	OJ000113_05.0222.C10.p2.np	zf-c3hc4(HMM:1e-07)
23618	OJ000113_05.0426.C10.p2.np	zf-c3hc4(HMM:1e-07)



23619	OJ000113_20.0203.C11.p1.np	zf-c3hc4(HMM:5.1e-08)
23620	OJ000113_21.0317.C9.p2.np	zf-c3hc4(HMM:5.7e-12)
23621	OJ000113_28.0218.C11.p1.np	zf-c3hc4(HMM:2e-08)
23622	OJ000114_10.0419.C2.p2.np	zf-c3hc4(HMM:3.4e-12)
23623	OJ000114_21.0216.C12.p2.np	zf-c3hc4(HMM:1.2e-12)
23624	OJ000115_47.0316.C1.p13.np	zf-c3hc4(HMM:2.8e-09)
23625	OJ000115_47.0316.C1.p5.np	zf-c3hc4(HMM:2.8e-09)
23626	OJ000115_47.0316.C1.p6.np	zf-c3hc4(HMM:2.8e-09)
23627	OJ000116_39.0419.C9.p2.np	zf-c3hc4(HMM:0.0024)
23628	OJ000118_02.0222.C5.p2.np	zf-c3hc4(HMM:2e-09)
23629	OJ000118_02.0222.C9.p2.np	zf-c3hc4(HMM:6.5e-14)
23630	OJ000118_13.0419.C26.p2.np	zf-c3hc4(HMM:9.6e-12)
23631	OJ000118_16.0301.C12.p1.np	zf-c3hc4(HMM:3.4e-12)
23632	OJ000118_16.0317.C13.p2.np	zf-c3hc4(HMM:3.4e-12)
23633	OJ000118_18.0322.C5.p1.np	zf-c3hc4(HMM:0.0016)
23634	OJ000118_20.0222.C19.p2.np	zf-c3hc4(HMM:3.5e-09)
23635	OJ000118_24.0307.C22.p2.np	zf-c3hc4(HMM:6.9e-09)
23636	OJ000119_23.0229.C24.p1.np	zf-c3hc4(HMM:5.9e-11)
23637	OJ000122_55.0307.C17.p3.np	zf-c3hc4(HMM:8.3e-11)
23638	OJ000125_20.0303.C5.p6.np	zf-c3hc4(HMM:5e-10)
23639	OJ000130_35.0323.C23.p1.np	zf-c3hc4(HMM:0.0073)
23640	OJ000150_00.0124.C58.p1.np	zf-c3hc4(HMM:0.0005)
23641	OJ000150_19.0124.C4.p1.np	zf-c3hc4(HMM:0.23)
23642	OJ000150_20.0124.C6.p1.np	zf-c3hc4(HMM:1e-11)
23643	OJ000150_20.0124.C8.p4.np	zf-c3hc4(HMM:5e-11)
23644	OJ000150_32.0124.C25.p1.np	zf-c3hc4(HMM:4.6e-06)
23645	OJ000203_06.0316.C4.p2.np	zf-c3hc4(HMM:1e-13)
23646	OJ000207_09.0306.C3.p6.np	zf-c3hc4(HMM:0.0031)
23647	OJ000207_09.0306.C3.p7.np	zf-c3hc4(HMM:0.0031)
23648	OJ000207_18.0323.C21.p5.np	zf-c3hc4(HMM:3.4e-12)
23649	OJ000207_18.0323.C23.p1.np	zf-c3hc4(HMM:0.00091)
23650	OJ000208_08.0321.C6.p1.np	zf-c3hc4(HMM:5.3e-13)
23651	OJ000209_03.0309.C17.p3.np	zf-c3hc4(HMM:1.6e-10)
23652	OJ000209_08.0309.C2.p3.np	zf-c3hc4(HMM:3e-05)
23653	OJ000209_13.0316.C10.p1.np	zf-c3hc4(HMM:0.00049)
23654	OJ000209_20.0313.C21.p4.np	zf-c3hc4(HMM:4.9e-09)
23655	OJ000209_26.0229.C3.p2.np	zf-c3hc4(HMM:0.0085)
23656	OJ000210_20.0419.C36.p1.np	zf-c3hc4(HMM:4.7e-14)
23657	OJ000211_07.0316.C6.p2.np	zf-c3hc4(HMM:0.035)
23658	OJ000211_08.0323.C12.p1.np	zf-c3hc4(HMM:2.2e-11)
23659	OJ000214_02.0321.C14.p2.np	zf-c3hc4(HMM:5.3e-14)
23660	OJ000214_09.0321.C17.p2.np	zf-c3hc4(HMM:0.034)
23661	OJ000214_09.0321.C24.p1.np	zf-c3hc4(HMM:9.3e-05)
23662	OJ000216_03.0330.C3.p1.np	zf-c3hc4(HMM:1.9e-05)
23663	OJ000216_07.0323.C6.p1.np	zf-c3hc4(HMM:1.8e-10)
23664	OJ000216_09.0330.C2.p2.np	zf-c3hc4(HMM:0.0012)
23665	OJ000217_08.0419.C11.p2.np	zf-c3hc4(HMM:0.05)
23666	OJ000217_08.0419.C11.p3.np	zf-c3hc4(HMM:0.047)
23667	OJ000217_09.0320.C7.p1.np	zf-c3hc4(HMM:2.6e-21)
23668	OJ000217_09.0320.C8.p1.np	zf-c3hc4(HMM:2.5e-10)
23669	OJ000217_17.0403.C60.p2.np	zf-c3hc4(HMM:2.2e-08)
23670	OJ000222_02.0327.C7.p2.np	zf-c3hc4(HMM:3.7e-08)
23671	OJ000222_12.0404.C9.p3.np	zf-c3hc4(HMM:1.4e-07)
23672	OJ000223_15.0419.C15.p1.np	zf-c3hc4(HMM:2.9e-11)

23673	OJ000228_07.0410.C7.p2.np	zf-c3hc4(HMM:0.00066)
23674	OJ000229_10.0419.C21.p1.np	zf-c3hc4(HMM:5.6e-11)
23675	OJ000229_14.0327.C18.p2.np	zf-c3hc4(HMM:6.4e-10)
23676	OJ000229_14.0327.C29.p2.np	zf-c3hc4(HMM:9.1e-12)
23677	OJ000229_16.0327.C38.p2.np	zf-c3hc4(HMM:8.1e-13)
23678	OJ000229_24.0419.C22.p1.np	zf-c3hc4(HMM:0.0013)
23679	OJ000250_01.0308.C9.p1.np	zf-c3hc4(HMM:5.2e-11)
23680	OJ000250_01.0414.C2.p4.np	zf-c3hc4(HMM:5.2e-11)
23681	OJ000250_46.0211.C8.p2.np	zf-c3hc4(HMM:1.1e-10)
23682	OJ000250_46.0303.C3.p2.np	zf-c3hc4(HMM:1.1e-10)
23683	OJ000250_84.0214.C1.p3.np	zf-c3hc4(HMM:0.0018)
23684	OJ000250_85.0214.C2.p1.np	zf-c3hc4(HMM:1.7)
23685	OJ000250_85.0214.C6.p2.np	zf-c3hc4(HMM:3.3e-12)
23686	OJ000251_17.0307.C61.p3.np	zf-c3hc4(HMM:8.3e-11)
23687	OJ000251_17.0331.C59.p2.np	zf-c3hc4(HMM:8.3e-11)
23688	OJ000251_22.0403.C7.p2.np	zf-c3hc4(HMM:0.0012)
23689	OJ000251_51.0217.C4.p1.np	zf-c3hc4(HMM:1.1e-10)
23690	OJ000301_03.0404.C10.p3.np	zf-c3hc4(HMM:1.1e-12)
23691	OJ000301_18.0330.C11.p1.np	zf-c3hc4(HMM:0.00011)
23692	OJ000301_20.0330.C15.p5.np	zf-c3hc4(HMM:0.081)
23693	OJ000301_23.0419.C26.p1.np	zf-c3hc4(HMM:0.03)
23694	OJ000301_25.0410.C12.p6.np	zf-c3hc4(HMM:3.1e-09)
23695	OJ000302_01.0405.C23.p1.np	zf-c3hc4(HMM:6.1e-13)
23696	OJ000302_01.0405.C25.p1.np	zf-c3hc4(HMM:1.5e-12)
23697	OJ000302_26.0419.C42.p1.np	zf-c3hc4(HMM:0.012)
23698	OJ000302_28.0419.C26.p2.np	zf-c3hc4(HMM:0.012)
23699	OJ000303_02.0403.C7.p14.np	zf-c3hc4(HMM:1.4e-12)
23700	OJ000303_02.0403.C7.p9.np	zf-c3hc4(HMM:1.4e-12)
23701	OJ000303_05.0410.C12.p1.np	zf-c3hc4(HMM:2.9e-12)
23702	OJ000303_20.0419.C28.p1.np	zf-c3hc4(HMM:2.3e-10)
23703	OJ000303_20.0419.C29.p2.np	zf-c3hc4(HMM:9.2e-08)
23704	OJ000303_24.0327.C10.p1.np	zf-c3hc4(HMM:0.0073)
23705	OJ000303_27.0328.C8.p2.np	zf-c3hc4(HMM:0.0073)
23706	OJ000306_12.0330.C7.p7.np	zf-c3hc4(HMM:0.068)
23707	OJ000306_15.0406.C5.p2.np	zf-c3hc4(HMM:1.1e-09)
23708	OJ000307_28.0417.C7.p2.np	zf-c3hc4(HMM:2.1e-06)
23709	OJ000308_05.0406.C9.p2.np	zf-c3hc4(HMM:1.5e-12)
23710	OJ000310_10.0419.C8.p1.np	zf-c3hc4(HMM:9.4e-08)
23711	OJ000310_23.0419.C17.p2.np	zf-c3hc4(HMM:2.8e-08)
23712	OJ000310_32.0419.C6.p1.np	zf-c3hc4(HMM:2.4e-14)
23713	OJ000310_39.0424.C155.p1.np	zf-c3hc4(HMM:6.7e-07)
23714	OJ000310_40.0424.C6.p1.np	zf-c3hc4(HMM:0.0027)
23715	OJ000313_11.0417.C13.p3.np	zf-c3hc4(HMM:6.2e-11)
23716	OJ000313_32.0419.C8.p3.np	zf-c3hc4(HMM:5.5e-14)
23717	OJ000314_01.0419.C1.p2.np	zf-c3hc4(HMM:1.9e-11)
23718	OJ000314_06.0421.C12.p1.np	zf-c3hc4(HMM:2.8e-08)
23719	OJ000314_08.0414.C7.p1.np	zf-c3hc4(HMM:7.9e-11)
23720	OJ000320_05.0417.C10.p3.np	zf-c3hc4(HMM:0.0029)
23721	OJ000320_18.0424.C17.p2.np	zf-c3hc4(HMM:1.4e-12)
23722	OJ000320_18.0424.C2.p1.np	zf-c3hc4(HMM:1e-13)
23723	OJ000320_25.0419.C14.p1.np	zf-c3hc4(HMM:2.8e-09)
23724	OJ000320_35.0412.C22.p2.np	zf-c3hc4(HMM:1.1e-12)
23725	OJ000321_15.0419.C54.p2.np	zf-c3hc4(HMM:0.0019)
23726	OJ000321_38.0419.C7.p1.np	zf-c3hc4(HMM:2e-12)

23727	OJ000321_38.0419.C7.p2.np	zf-c3hc4(HMM:2.3e-10)
23728	OJ000322_06.0424.C26.p1.np	zf-c3hc4(HMM:1.8e-12)
23729	OJ000322_12.0424.C39.p1.np	zf-c3hc4(HMM:4.5e-09)
23730	OJ000322_18.0419.C8.p1.np	zf-c3hc4(HMM:0.16)
23731	OJ000322_23.0413.C5.p1.np	zf-c3hc4(HMM:2.8e-07)
23732	OJ000323_10.0413.C7.p1.np	zf-c3hc4(HMM:0.0034)
23733	OJ000323_21.0419.C11.p1.np	zf-c3hc4(HMM:1.4e-12)
23734	OJ000323_36.0419.C15.p1.np	zf-c3hc4(HMM:0.038)
23735	OJ000324_06.0420.C14.p1.np	zf-c3hc4(HMM:4.5e-09)
23736	OJ000324_11.0421.C12.p1.np	zf-c3hc4(HMM:1.9e-11)
23737	OJ000324_12.0421.C7.p1.np	zf-c3hc4(HMM:2e-11)
23738	OJ000324_16.0420.C27.p1.np	zf-c3hc4(HMM:1.1e-10)
23739	OJ000324_22.0424.C42.p1.np	zf-c3hc4(HMM:7.8e-07)
23740	OJ000324_26.0412.C18.p2.np	zf-c3hc4(HMM:1.2e-10)
23741	OJ000324_26.0420.C5.p2.np	zf-c3hc4(HMM:1.2e-10)
23742	OJ000327_01.0418.C10.p1.np	zf-c3hc4(HMM:2.8e-09)
23743	OJ000327_02.0418.C10.p4.np	zf-c3hc4(HMM:8.3e-11)
23744	OJ000327_13.0419.C18.p1.np	zf-c3hc4(HMM:6.5e-14)
23745	OJ000327_14.0420.C13.p1.np	zf-c3hc4(HMM:1e-13)
23746	OJ000327_19.0420.C34.p1.np	zf-c3hc4(HMM:2.9e-12)
23747	OJ000327_27.0417.C4.p1.np	zf-c3hc4(HMM:2.9e-11)
23748	OJ000327_35.0419.C9.p1.np	zf-c3hc4(HMM:0.00074)
23749	OJ000327_37.0419.C11.p6.np	zf-c3hc4(HMM:7.2e-12)
23750	OJ000329_07.0419.C21.p1.np	zf-c3hc4(HMM:1.1e-12)
23751	OJ000330_17.0421.C6.p4.np	zf-c3hc4(HMM:1.6e-11)
23752	OJ000330_31.0424.C48.p1.np	zf-c3hc4(HMM:3.3e-10)
23753	OJ000330_32.0419.C16.p1.np	zf-c3hc4(HMM:8.7e-12)
23754	OJ000330_37.0420.C11.p1.np	zf-c3hc4(HMM:0.00034)
23755	OJ000331_23.0421.C30.p1.np	zf-c3hc4(HMM:1.4e-13)
23756	OJ000350_15.0322.C12.p5.np	zf-c3hc4(HMM:2.3e-11)
23757	OJ000350_31.0315.C11.p2.np	zf-c3hc4(HMM:3.5e-11)
23758	OJ000350_31.0315.C6.p3.np	zf-c3hc4(HMM:0.0024)
23759	OJ000350_55.0419.C23.p1.np	zf-c3hc4(HMM:1e-13)
23760	OJ000350_64.0403.C14.p5.np	zf-c3hc4(HMM:9.3e-09)
23761	OJ000350_66.0407.C37.p4.np	zf-c3hc4(HMM:2.3e-11)
23762	OJ000350_68.0327.C19.p1.np	zf-c3hc4(HMM:1.2e-10)
23763	OJ000403_16.0419.C11.p3.np	zf-c3hc4(HMM:5.5e-13)
23764	OJ000403_29.0424.C9.p1.np	zf-c3hc4(HMM:0.002)
23765	OJ000404_05.0424.C7.p2.np	zf-c3hc4(HMM:1.3e-08)
23766	OJ000405_19.0424.C28.p1.np	zf-c3hc4(HMM:1.8e-09)
23767	OJ000450_11.0410.C6.p1.np	zf-c3hc4(HMM:0.0036)
23768	OJ000450_13.0410.C6.p5.np	zf-c3hc4(HMM:7.7e-06)
23769	OJ000450_20.0411.C8.p2.np	zf-c3hc4(HMM:4.6e-06)
23770	OJ000450_20.0420.C5.p4.np	zf-c3hc4(HMM:4.6e-06)
23771	OJ990203_07.9819.C29.p2.np	zf-c3hc4(HMM:0.00015)
23772	OJ990301_10.9B03.C5.p2.np	zf-c3hc4(HMM:0.068)
23773	OJ990303_10.0420.C19.p1.np	zf-c3hc4(HMM:8e-13)
23774	OJ990303_10.0420.C24.p1.np	zf-c3hc4(HMM:9.3e-12)
23775	OJ990303_10.9819.C16.p1.np	zf-c3hc4(HMM:2.6e-12)
23776	OJ990303_10.9819.C26.p1.np	zf-c3hc4(HMM:9.3e-12)
23777	OJ990305_03.9819.C55.p1.np	zf-c3hc4(HMM:1.6e-11)
23778	OJ990305_04.9819.C46.p1.np	zf-c3hc4(HMM:4.3e-09)
23779	OJ990305_04.9819.C46.p2.np	zf-c3hc4(HMM:4.3e-09)
23780	OJ990311_09.9819.C15.p11.np	zf-c3hc4(HMM:1.2e-07)

23781	OJ990311_09.9819.C9.p3.np	zf-c3hc4(HMM:0.031)
23782	OJ990311_15.9819.C8.p4.np	zf-c3hc4(HMM:6.7e-09)
23783	OJ990312_15.0419.C25.p1.np	zf-c3hc4(HMM:0.01)
23784	OJ990319_11.0419.C5.p1.np	zf-c3hc4(HMM:2.6e-12)
23785	OJ990319_11.9524.C24.p2.np	zf-c3hc4(HMM:2.6e-12)
23786	OJ990323_17.9819.C4.p9.np	zf-c3hc4(HMM:0.00022)
23787	OJ990324_05.9C23.C24.p1.np	zf-c3hc4(HMM:9.2e-10)
23788	OJ990325_08.0419.C27.p1.np	zf-c3hc4(HMM:0.0083)
23789	OJ990325_08.9524.C26.p1.np	zf-c3hc4(HMM:0.0083)
23790	OJ990326_01.9C01.C25.p1.np	zf-c3hc4(HMM:1.8e-12)
23791	OJ990326_01.9C01.C26.p1.np	zf-c3hc4(HMM:1.3e-07)
23792	OJ990330_19.9819.C30.p5.np	zf-c3hc4(HMM:4.8e-12)
23793	OJ990331_05.9923.C13.p4.np	zf-c3hc4(HMM:1.3e-06)
23794	OJ990402_31.9C10.C16.p4.np	zf-c3hc4(HMM:1.9e-11)
23795	OJ990407_12.9A08.C8.p2.np	zf-c3hc4(HMM:7.8e-13)
23796	OJ990414_12.9A14.C11.p1.np	zf-c3hc4(HMM:3.8e-12)
23797	OJ990415_09.9819.C2.p1.np	zf-c3hc4(HMM:3.1e-12)
23798	OJ990416_08.0419.C36.p1.np	zf-c3hc4(HMM:4.7e-14)
23799	OJ990419_05.9B05.C11.p1.np	zf-c3hc4(HMM:1.5e-12)
23800	OJ990419_05.9B05.C24.p1.np	zf-c3hc4(HMM:6.1e-13)
23801	OJ990419_05.9B05.C24.p3.np	zf-c3hc4(HMM:6.1e-13)
23802	OJ990419_05.9B05.C27.p2.np	zf-c3hc4(HMM:1.5e-12)
23803	OJ990419_08.9923.C28.p2.np	zf-c3hc4(HMM:2e-12)
23804	OJ990420_11.9923.C18.p1.np	zf-c3hc4(HMM:1.8e-10)
23805	OJ990421_04.9919.C48.p3.np	zf-c3hc4(HMM:0.075)
23806	OJ990421_21.0211.C6.p1.np	zf-c3hc4(HMM:1.2e-15)
23807	OJ990421_31.9924.C14.p1.np	zf-c3hc4(HMM:4.9e-08)
23808	OJ990427_01.9A14.C18.p1.np	zf-c3hc4(HMM:1e-11)
23809	OJ990427_03.9927.C12.p1.np	zf-c3hc4(HMM:1.8e-09)
23810	OJ990427_25.9C17.C2.p1.np	zf-c3hc4(HMM:0.0048)
23811	OJ990428_02.9A29.C30.p1.np	zf-c3hc4(HMM:2.1e-10)
23812	OJ990429_07.9927.C6.p2.np	zf-c3hc4(HMM:0.044)
23813	OJ990429_12.9819.C29.p3.np	zf-c3hc4(HMM:0.0018)
23814	OJ990429_21.9922.C9.p1.np	zf-c3hc4(HMM:3.1e-05)
23815	OJ990430_02.9B05.C16.p1.np	zf-c3hc4(HMM:1.8e-10)
23816	OJ990430_02.9B05.C7.p1.np	zf-c3hc4(HMM:0.00092)
23817	OJ990430_06.9C03.C55.p2.np	zf-c3hc4(HMM:1.5e-12)
23818	OJ990430_27.9B05.C9.p1.np	zf-c3hc4(HMM:3.1)
23819	OJ990501_30.9919.C8.p4.np	zf-c3hc4(HMM:2.2e-08)
23820	OJ990502_28.9A15.C7.p3.np	zf-c3hc4(HMM:1.6e-09)
23821	OJ990503_01.9A29.C37.p1.np	zf-c3hc4(HMM:1.9e-09)
23822	OJ990504_06.9C17.C2.p2.np	zf-c3hc4(HMM:5.6e-06)
23823	OJ990505_09.9B19.C16.p1.np	zf-c3hc4(HMM:7.8e-13)
23824	OJ990505_09.9B19.C38.p1.np	zf-c3hc4(HMM:1.1e-09)
23825	OJ990517_13.9A08.C44.p3.np	zf-c3hc4(HMM:9.4e-13)
23826	OJ990519_21.9A20.C8.p2.np	zf-c3hc4(HMM:1.1e-10)
23827	OJ990519_31.9924.C4.p2.np	zf-c3hc4(HMM:1.9e-09)
23828	OJ990520_09.9922.C24.p1.np	zf-c3hc4(HMM:1.8e-05)
23829	OJ990520_11.9B12.C11.p2.np	zf-c3hc4(HMM:9.2e-10)
23830	OJ990524_07.0128.C22.p3.np	zf-c3hc4(HMM:0.068)
23831	OJ990527_04.9C17.C15.p1.np	zf-c3hc4(HMM:3e-09)
23832	OJ990527_04.9C17.C25.p1.np	zf-c3hc4(HMM:1.1e-08)
23833	OJ990527_04.9C17.C26.p1.np	zf-c3hc4(HMM:0.00026)
23834	OJ990527_04.9C17.C39.p2.np	zf-c3hc4(HMM:3.9e-09)

23835	OJ990527_41.9C17.C9.p1.np	zf-c3hc4(HMM:1.8e-05)
23836	OJ990528_06.9C03.C28.p1.np	zf-c3hc4(HMM:5.3e-14)
23837	OJ990531_34.9A14.C9.p2.np	zf-c3hc4(HMM:0.038)
23838	OJ990531_34.9A14.C9.p3.np	zf-c3hc4(HMM:0.038)
23839	OJ990531_45.9922.C2.p1.np	zf-c3hc4(HMM:7.8e-13)
23840	OJ990531_45.9922.C5.p3.np	zf-c3hc4(HMM:1.1e-09)
23841	OJ990601_07.9B12.C36.p1.np	zf-c3hc4(HMM:2.2e-06)
23842	OJ990601_08.9A22.C6.p1.np	zf-c3hc4(HMM:0.0016)
23843	OJ990601_08.9A22.C9.p1.np	zf-c3hc4(HMM:4.5e-12)
23844	OJ990602_02.0421.C29.p2.np	zf-c3hc4(HMM:9.1e-12)
23845	OJ990602_02.9C20.C35.p2.np	zf-c3hc4(HMM:9.1e-12)
23846	OJ990602_14.0421.C6.p3.np	zf-c3hc4(HMM:2.3)
23847	OJ990602_14.9C21.C6.p3.np	zf-c3hc4(HMM:2.3)
23848	OJ990604_10.9A29.C11.p1.np	zf-c3hc4(HMM:6.5e-14)
23849	OJ990617_06.9A27.C103.p1.np	zf-c3hc4(HMM:3e-08)
23850	OJ990617_06.9A27.C21.p1.np	zf-c3hc4(HMM:2.3e-12)
23851	OJ990617_06.9A27.C86.p1.np	zf-c3hc4(HMM:3.8e-12)
23852	OJ990617_11.9B19.C21.p1.np	zf-c3hc4(HMM:1.3e-09)
23853	OJ990617_11.9B19.C21.p9.np	zf-c3hc4(HMM:4e-05)
23854	OJ990617_12.0420.C20.p1.np	zf-c3hc4(HMM:3.9e-12)
23855	OJ990617_12.9921.C57.p1.np	zf-c3hc4(HMM:3.9e-12)
23856	OJ990618_12.9921.C47.p1.np	zf-c3hc4(HMM:4.4e-10)
23857	OJ990618_12.9921.C47.p2.np	zf-c3hc4(HMM:4.4e-10)
23858	OJ990618_12.9921.C6.p1.np	zf-c3hc4(HMM:1.5e-09)
23859	OJ990620_39.9919.C1.p1.np	zf-c3hc4(HMM:4.9e-10)
23860	OJ990620_39.9919.C8.p2.np	zf-c3hc4(HMM:2.7e-11)
23861	OJ990621_04.9C03.C11.p5.np	zf-c3hc4(HMM:2.4e-06)
23862	OJ990626_31.9A14.C6.p1.np	zf-c3hc4(HMM:2.3e-11)
23863	OJ990626_31.9A14.C6.p2.np	zf-c3hc4(HMM:2.3e-11)
23864	OJ990626_47.9922.C7.p2.np	zf-c3hc4(HMM:1.2e-12)
23865	OJ990627_42.9B05.C8.p1.np	zf-c3hc4(HMM:9.4e-13)
23866	OJ990630_06.9B15.C3.p3.np	zf-c3hc4(HMM:2.3e-10)
23867	OJ990630_06.9B15.C3.p5.np	zf-c3hc4(HMM:9.2e-08)
23868	OJ990709_01.9919.C1.p3.np	zf-c3hc4(HMM:2.9e-12)
23869	OJ990709_14.9B05.C3.p2.np	zf-c3hc4(HMM:0.00015)
23870	OJ990713_03.9A01.C6.p5.np	zf-c3hc4(HMM:5.5e-13)
23871	OJ990713_04.9C17.C35.p2.np	zf-c3hc4(HMM:5.5e-11)
23872	OJ990713_08.0128.C4.p2.np	zf-c3hc4(HMM:8.9e-07)
23873	OJ990713_14.9A18.C2.p1.np	zf-c3hc4(HMM:2.9e-12)
23874	OJ990715_06.9A01.C3.p7.np	zf-c3hc4(HMM:1.5e-13)
23875	OJ990715_11.0419.C12.p3.np	zf-c3hc4(HMM:0.0009)
23876	OJ990720_09.9C01.C5.p1.np	zf-c3hc4(HMM:3.4e-06)
23877	OJ990723_14.9A18.C5.p1.np	zf-c3hc4(HMM:1e-13)
23878	OJ990723_14.9A18.C8.p5.np	zf-c3hc4(HMM:0.01)
23879	OJ990727_12.9C10.C8.p1.np	zf-c3hc4(HMM:1.6e-10)
23880	OJ990728_08.0114.C13.p4.np	zf-c3hc4(HMM:2.6e-12)
23881	OJ990803_07.9B19.C11.p3.np	zf-c3hc4(HMM:6.5e-14)
23882	OJ990803_07.9B19.C16.p2.np	zf-c3hc4(HMM:2e-09)
23883	OJ990803_13.9B19.C13.p5.np	zf-c3hc4(HMM:6.9e-11)
23884	OJ990807_31.0419.C14.p1.np	zf-c3hc4(HMM:3.8e-07)
23885	OJ990807_32.0211.C15.p3.np	zf-c3hc4(HMM:3.8e-07)
23886	OJ990807_32.0211.C15.p4.np	zf-c3hc4(HMM:0.023)
23887	OJ990808_37.0103.C6.p2.np	zf-c3hc4(HMM:0.0013)
23888	OJ990808_57.0118.C24.p1.np	zf-c3hc4(HMM:4.4e-08)

23889	OJ990817_14.9B08.C10.p4.np	zf-c3hc4(HMM:1.4e-13)
23890	OJ990817_15.0419.C29.p2.np	zf-c3hc4(HMM:2.9e-11)
23891	OJ990817_15.0419.C29.p4.np	zf-c3hc4(HMM:2.9e-11)
23892	OJ990818_05.9C01.C11.p1.np	zf-c3hc4(HMM:2e-12)
23893	OJ990818_08.9B12.C13.p6.np	zf-c3hc4(HMM:7.8e-12)
23894	OJ990818_13.0217.C18.p1.np	zf-c3hc4(HMM:0.041)
23895	OJ990818_13.0317.C6.p1.np	zf-c3hc4(HMM:0.041)
23896	OJ990818_15.9B12.C20.p2.np	zf-c3hc4(HMM:8.9e-07)
23897	OJ990822_43.9C06.C15.p1.np	zf-c3hc4(HMM:2.9e-11)
23898	OJ990822_43.9C06.C2.p4.np	zf-c3hc4(HMM:0.057)
23899	OJ990822_47.0103.C8.p1.np	zf-c3hc4(HMM:0.0083)
23900	OJ990822_50.9C23.C1.p2.np	zf-c3hc4(HMM:8.7e-13)
23901	OJ990823_06.9B03.C5.p1.np	zf-c3hc4(HMM:3.3e-10)
23902	OJ990825_02.9A29.C34.p1.np	zf-c3hc4(HMM:0.00016)
23903	OJ990825_13.9B24.C30.p1.np	zf-c3hc4(HMM:1.3e-09)
23904	OJ990825_14.9B15.C10.p2.np	zf-c3hc4(HMM:4.6e-13)
23905	OJ990830_10.9C13.C28.p1.np	zf-c3hc4(HMM:0.0021)
23906	OJ990831_04.9A21.C14.p2.np	zf-c3hc4(HMM:0.0016)
23907	OJ990901_09.0211.C9.p1.np	zf-c3hc4(HMM:2.9e-07)
23908	OJ990908_15.9C14.C9.p1.np	zf-c3hc4(HMM:0.022)
23909	OJ990913_14.9B19.C11.p1.np	zf-c3hc4(HMM:1.5e-09)
23910	OJ990914_19.9B01.C3.p2.np	zf-c3hc4(HMM:3.4e-09)
23911	OJ990914_19.9B01.C3.p3.np	zf-c3hc4(HMM:3.4e-09)
23912	OJ990921_14.0308.C10.p1.np	zf-c3hc4(HMM:5.2e-11)
23913	OJ990923_03.9B10.C6.p1.np	zf-c3hc4(HMM:1.9e-07)
23914	OJ990923_03.9B10.C6.p2.np	zf-c3hc4(HMM:0.0012)
23915	OJ990924_17.0211.C21.p2.np	zf-c3hc4(HMM:6.7e-09)
23916	OJ990927_04.9B22.C8.p2.np	zf-c3hc4(HMM:4.2e-10)
23917	OJ990930_04.9C01.C7.p1.np	zf-c3hc4(HMM:0.00066)
23918	OJ990930_16.9B05.C23.p1.np	zf-c3hc4(HMM:1.5e-09)
23919	OJ991007_18.0120.C6.p4.np	zf-c3hc4(HMM:0.002)
23920	OJ991012_11.0126.C35.p1.np	zf-c3hc4(HMM:1.2e-13)
23921	OJ991012_11.0126.C35.p3.np	zf-c3hc4(HMM:1.9e-12)
23922	OJ991012_13.0128.C6.p1.np	zf-c3hc4(HMM:1.3e-06)
23923	OJ991013_05.0111.C8.p2.np	zf-c3hc4(HMM:1.5e-10)
23924	OJ991013_12.0112.C12.p3.np	zf-c3hc4(HMM:0.03)
23925	OJ991014_10.0207.C11.p2.np	zf-c3hc4(HMM:4.6e-13)
23926	OJ991018_17.0421.C1.p2.np	zf-c3hc4(HMM:1.6e-11)
23927	OJ991020_05.0222.C19.p1.np	zf-c3hc4(HMM:0.0027)
23928	OJ991020_06.0215.C28.p1.np	zf-c3hc4(HMM:1.1e-12)
23929	OJ991020_06.0303.C19.p1.np	zf-c3hc4(HMM:1.1e-12)
23930	OJ991020_08.0112.C6.p4.np	zf-c3hc4(HMM:2.2e-08)
23931	OJ991020_11.0207.C9.p3.np	zf-c3hc4(HMM:1.5e-06)
23932	OJ991021_03.0413.C26.p1.np	zf-c3hc4(HMM:0.0083)
23933	OJ991021_13.0419.C5.p1.np	zf-c3hc4(HMM:6.5e-14)
23934	OJ991021_13.0419.C9.p7.np	zf-c3hc4(HMM:2e-09)
23935	OJ991022_08.0308.C40.p1.np	zf-c3hc4(HMM:1.9e-09)
23936	OJ991022_17.0225.C8.p1.np	zf-c3hc4(HMM:3.1e-11)
23937	OJ991026_09.0222.C13.p1.np	zf-c3hc4(HMM:2e-11)
23938	OJ991026_13.0118.C17.p1.np	zf-c3hc4(HMM:6.9e-09)
23939	OJ991026_13.0118.C4.p1.np	zf-c3hc4(HMM:0.00072)
23940	OJ991028_15.0118.C27.p1.np	zf-c3hc4(HMM:1.9e-09)
23941	OJ991029_09.0120.C1.p3.np	zf-c3hc4(HMM:2.2e-09)
23942	OJ991101_09.0131.C14.p1.np	zf-c3hc4(HMM:1.3)

23943	OJ991101_09.0131.C23.p2.np	zf-c3hc4(HMM:0.0021)
23944	OJ991102_02.0223.C2.p1.np	zf-c3hc4(HMM:9.3e-05)
23945	OJ991102_06.0120.C5.p2.np	zf-c3hc4(HMM:4.4e-11)
23946	OJ991103_03.0125.C6.p1.np	zf-c3hc4(HMM:2.3e-10)
23947	OJ991103_03.0125.C6.p3.np	zf-c3hc4(HMM:9.2e-08)
23948	OJ991103_16.0308.C14.p1.np	zf-c3hc4(HMM:6e-07)
23949	OJ991106_41.0419.C18.p2.np	zf-c3hc4(HMM:4.4e-11)
23950	OJ991106_42.0103.C7.p3.np	zf-c3hc4(HMM:1.2e-10)
23951	OJ991107_30.0204.C11.p4.np	zf-c3hc4(HMM:6.3e-09)
23952	OJ991107_37.0113.C75.p1.np	zf-c3hc4(HMM:2e-11)
23953	OJ991108_05.0126.C5.p1.np	zf-c3hc4(HMM:0.018)
23954	OJ991109_09.0421.C7.p1.np	zf-c3hc4(HMM:6.8e-11)
23955	OJ991109_09.9C22.C4.p1.np	zf-c3hc4(HMM:6.8e-11)
23956	OJ991110_09.0222.C20.p1.np	zf-c3hc4(HMM:6.8e-11)
23957	OJ991110_10.0421.C8.p2.np	zf-c3hc4(HMM:0.068)
23958	OJ991110_10.9C23.C10.p2.np	zf-c3hc4(HMM:0.068)
23959	OJ991111_07.0330.C4.p3.np	zf-c3hc4(HMM:9.8e-12)
23960	OJ991111_07.0330.C5.p3.np	zf-c3hc4(HMM:1e-10)
23961	OJ991111_08.0307.C4.p1.np	zf-c3hc4(HMM:2.6e-12)
23962	OJ991113_30.9C10.C4.p1.np	zf-c3hc4(HMM:2.7e-06)
23963	OJ991113_34.9C27.C6.p1.np	zf-c3hc4(HMM:1.8e-07)
23964	OJ991114_36.0128.C2.p1.np	zf-c3hc4(HMM:0.0028)
23965	OJ991116_07.0128.C7.p3.np	zf-c3hc4(HMM:3.4e-10)
23966	OJ991116_16.0421.C46.p1.np	zf-c3hc4(HMM:0.0011)
23967	OJ991116_16.9C23.C32.p1.np	zf-c3hc4(HMM:0.0011)
23968	OJ991117_06.0419.C2.p2.np	zf-c3hc4(HMM:7.8e-13)
23969	OJ991117_12.0421.C5.p2.np	zf-c3hc4(HMM:0.0015)
23970	OJ991117_20.0216.C6.p3.np	zf-c3hc4(HMM:1.9e-09)
23971	OJ991117_20.0303.C6.p3.np	zf-c3hc4(HMM:1.9e-09)
23972	OJ991119_17.0126.C10.p1.np	zf-c3hc4(HMM:2.4e-14)
23973	OJ991120_30.0127.C15.p1.np	zf-c3hc4(HMM:3.7e-12)
23974	OJ991120_30.0127.C4.p6.np	zf-c3hc4(HMM:1e-07)
23975	OJ991121_47.9C30.C10.p1.np	zf-c3hc4(HMM:6.8e-11)
23976	OJ991122_03.0421.C7.p4.np	zf-c3hc4(HMM:2.2e-09)
23977	OJ991122_03.9C23.C7.p4.np	zf-c3hc4(HMM:2.2e-09)
23978	OJ991122_07.0421.C4.p7.np	zf-c3hc4(HMM:1.8e-05)
23979	OJ991122_07.9C27.C4.p7.np	zf-c3hc4(HMM:1.8e-05)
23980	OJ991201_19.0222.C10.p1.np	zf-c3hc4(HMM:0.098)
23981	OJ991201_19.0222.C9.p1.np	zf-c3hc4(HMM:4.5e-09)
23982	OJ991202_02.0421.C10.p3.np	zf-c3hc4(HMM:2.2e-08)
23983	OJ991202_02.9C29.C9.p3.np	zf-c3hc4(HMM:2.2e-08)
23984	OJ991202_15.0118.C1.p4.np	zf-c3hc4(HMM:4.3e-09)
23985	OJ991202_19.0114.C8.p5.np	zf-c3hc4(HMM:6.5e-11)
23986	OJ991202_19.0421.C7.p5.np	zf-c3hc4(HMM:6.5e-11)
23987	OJ991203_01.0128.C5.p3.np	zf-c3hc4(HMM:4.7e-05)
23988	OJ991206_16.0112.C4.p2.np	zf-c3hc4(HMM:7.8e-13)
23989	OJ991208_01.0110.C10.p5.np	zf-c3hc4(HMM:4.4e-11)
23990	OJ991210_01.0110.C1.p1.np	zf-c3hc4(HMM:3.8e-07)
23991	OJ991210_10.0110.C10.p1.np	zf-c3hc4(HMM:0.00019)
23992	OJ991210_13.0110.C4.p6.np	zf-c3hc4(HMM:1.2e-13)
23993	OJ991210_13.0110.C4.p8.np	zf-c3hc4(HMM:1.9e-12)
23994	OJ991214_04.0114.C12.p1.np	zf-c3hc4(HMM:4.5e-12)
23995	OJ991215_02.0224.C10.p4.np	zf-c3hc4(HMM:1.3e-06)
23996	OJ991215_14.0211.C18.p1.np	zf-c3hc4(HMM:5.5e-14)

23997	OJ991216_03.0419.C13.p1.np	zf-c3hc4(HMM:1.5e-09)
23998	OJ991216_07.0301.C18.p1.np	zf-c3hc4(HMM:9e-12)
23999	OJ991216_07.0301.C2.p2.np	zf-c3hc4(HMM:0.057)
24000	OJ991226_32.0308.C3.p1.np	zf-c3hc4(HMM:5.2e-11)
24001	OJ000250_27.0208.C9.p1.np	zf-c3hc4(HMM:2e-06),zz(HMM:8.7e-12)
24002	OJ000250_27.0303.C5.p1.np	zf-c3hc4(HMM:2.4e-07),zz(HMM:8.7e-12)
24003	OJ991201_06.0103.C10.p1.np	zf-c3hc4(HMM:2.4e-10),zz(HMM:8.7e-12)
24004	OJ000107_02.0301.C11.p1.np	zf-ccch(HMM:0.0001)
24005	OJ000107_02.0301.C11.p2.np	zf-ccch(HMM:0.00055)
24006	OJ000107_02.0426.C11.p1.np	zf-ccch(HMM:0.0001)
24007	OJ000107_02.0426.C11.p2.np	zf-ccch(HMM:0.00055)
24008	OJ000223_02.0405.C6.p6.np	zf-ccch(HMM:1.4e-18)
24009	OJ000229_23.0323.C18.p2.np	zf-ccch(HMM:0.062)
24010	OJ000251_47.0320.C2.p1.np	zf-ccch(HMM:5.3e-09)
24011	OJ000251_48.0228.C51.p4.np	zf-ccch(HMM:3.7e-22)
24012	OJ000303_26.0411.C16.p1.np	zf-ccch(HMM:5.5e-22)
24013	OJ000315_27.0419.C11.p1.np	zf-ccch(HMM:0.014)
24014	OJ000316_09.0419.C22.p1.np	zf-ccch(HMM:0.046)
24015	OJ000316_19.0419.C13.p1.np	zf-ccch(HMM:8.4e-05)
24016	OJ000316_19.0419.C7.p2.np	zf-ccch(HMM:3.7e-08)
24017	OJ000316_19.0419.C7.p3.np	zf-ccch(HMM:2.6)
24018	OJ000320_03.0419.C25.p1.np	zf-ccch(HMM:0.096)
24019	OJ000320_03.0419.C38.p1.np	zf-ccch(HMM:0.04)
24020	OJ000321_31.0411.C3.p1.np	zf-ccch(HMM:5.3e-09)
24021	OJ000324_30.0413.C8.p1.np	zf-ccch(HMM:3e-19)
24022	OJ000324_30.0420.C21.p1.np	zf-ccch(HMM:3e-19)
24023	OJ000327_09.0424.C31.p1.np	zf-ccch(HMM:6.8e-08)
24024	OJ000450_13.0410.C4.p12.np	zf-ccch(HMM:1.3e-16)
24025	OJ990312_14.9819.C4.p2.np	zf-ccch(HMM:1.5e-23)
24026	OJ990318_06.0228.C53.p1.np	zf-ccch(HMM:3.7e-22)
24027	OJ990527_23.9C10.C3.p3.np	zf-ccch(HMM:0.062)
24028	OJ990612_47.9927.C8.p1.np	zf-ccch(HMM:5.2e-15)
24029	OJ990825_16.0303.C4.p2.np	zf-ccch(HMM:1.5e-23)
24030	OJ991007_03.0421.C6.p1.np	zf-ccch(HMM:3.5e-06)
24031	OJ991007_03.9C27.C6.p1.np	zf-ccch(HMM:3.5e-06)
24032	OJ991012_10.0127.C24.p1.np	zf-ccch(HMM:3e-19)
24033	OJ991027_16.0118.C9.p1.np	zf-ccch(HMM:0.014)
24034	OJ991121_44.0419.C40.p1.np	zf-ccch(HMM:0.062)
24035	OJ991208_06.0107.C1.p1.np	zf-ccch(HMM:1.5e-23)
24036	OJ991216_10.0211.C10.p2.np	zf-ccch(HMM:2e-15)
24037	OJ000110_08.0128.C7.p4.np	zf-cchc(HMM:1.6e-24)
24038	OJ000110_08.0426.C7.p4.np	zf-cchc(HMM:1.6e-24)
24039	OJ000114_17.0225.C8.p3.np	zf-cchc(HMM:2.1e-13)
24040	OJ000118_04.0218.C6.p3.np	zf-cchc(HMM:0.0028)
24041	OJ000118_04.0310.C5.p3.np	zf-cchc(HMM:0.0028)
24042	OJ000119_07.0209.C5.p1.np	zf-cchc(HMM:8.2e-11)
24043	OJ000150_29.0124.C79.p3.np	zf-cchc(HMM:1.9e-15)
24044	OJ000207_11.0306.C1.p3.np	zf-cchc(HMM:0.0028)
24045	OJ000211_12.0419.C12.p1.np	zf-cchc(HMM:1.1e-18)
24046	OJ000221_01.0313.C12.p2.np	zf-cchc(HMM:0.00058)
24047	OJ000221_21.0314.C12.p1.np	zf-cchc(HMM:2.6e-20)



24048	OJ000250_51.0211.C5.p6.np	zf-cchc(HMM:3.5e-22)
24049	OJ000250_62.0214.C4.p1.np	zf-cchc(HMM:3.9e-10)
24050	OJ000250_80.0214.C1.p1.np	zf-cchc(HMM:2.5e-13)
24051	OJ000251_06.0419.C142.p1.np	zf-cchc(HMM:2.1e-13)
24052	OJ000251_45.0217.C36.p1.np	zf-cchc(HMM:6.2e-09)
24053	OJ000251_49.0410.C17.p1.np	zf-cchc(HMM:0.0029)
24054	OJ000302_07.0407.C2.p7.np	zf-cchc(HMM:1.6e-12)
24055	OJ000309_11.0424.C41.p4.np	zf-cchc(HMM:1e-18)
24056	OJ000313_27.0418.C4.p1.np	zf-cchc(HMM:8e-12)
24057	OJ000404_23.0420.C11.p1.np	zf-cchc(HMM:1.1e-11)
24058	OJ990316_13.9819.C2.p1.np	zf-cchc(HMM:2.1e-08)
24059	OJ990316_14.9819.C4.p3.np	zf-cchc(HMM:1.9e-15)
24060	OJ990317_01.9C23.C58.p2.np	zf-cchc(HMM:1.9e-15)
24061	OJ990325_09.9921.C19.p1.np	zf-cchc(HMM:1.7e-17)
24062	OJ990402_06.9922.C13.p2.np	zf-cchc(HMM:6.2e-09)
24063	OJ990402_06.9922.C3.p1.np	zf-cchc(HMM:1.9e-10)
24064	OJ990405_08.0103.C16.p3.np	zf-cchc(HMM:5.8e-06)
24065	OJ990410_28.9922.C19.p2.np	zf-cchc(HMM:2.1e-13)
24066	OJ990428_22.9924.C2.p4.np	zf-cchc(HMM:4.6e-13)
24067	OJ990513_07.9A21.C53.p1.np	zf-cchc(HMM:1.1e-16)
24068	OJ990528_10.0419.C34.p1.np	zf-cchc(HMM:2.9e-13)
24069	OJ990605_32.9C03.C4.p6.np	zf-cchc(HMM:0.0028)
24070	OJ990619_30.9927.C12.p1.np	zf-cchc(HMM:1.5e-21)
24071	OJ990621_09.9921.C5.p1.np	zf-cchc(HMM:8e-12)
24072	OJ990701_10.9919.C2.p1.np	zf-cchc(HMM:1.7e-08)
24073	OJ990713_12.9C21.C54.p1.np	zf-cchc(HMM:0.0029)
24074	OJ990728_12.9B12.C18.p5.np	zf-cchc(HMM:3.2e-23)
24075	OJ990728_12.9B12.C49.p1.np	zf-cchc(HMM:1.1e-18)
24076	OJ990730_03.9C10.C5.p4.np	zf-cchc(HMM:6.2e-15)
24077	OJ990817_04.9921.C27.p1.np	zf-cchc(HMM:5.1e-37)
24078	OJ990819_11.9C17.C10.p7.np	zf-cchc(HMM:1.2e-21)
24079	OJ990820_03.0303.C31.p1.np	zf-cchc(HMM:6.9e-21)
24080	OJ990820_08.9C17.C50.p1.np	zf-cchc(HMM:7.3e-14)
24081	OJ990825_14.9B15.C25.p1.np	zf-cchc(HMM:3e-07)
24082	OJ990826_11.9B09.C22.p1.np	zf-cchc(HMM:1.2e-21)
24083	OJ990909_16.0118.C16.p1.np	zf-cchc(HMM:2.2e-13)
24084	OJ990915_14.9B08.C3.p1.np	zf-cchc(HMM:4.8e-17)
24085	OJ990916_18.9B01.C15.p1.np	zf-cchc(HMM:8.3e-07)
24086	OJ990917_15.0112.C11.p1.np	zf-cchc(HMM:1e-23)
24087	OJ991011_04.0103.C2.p3.np	zf-cchc(HMM:1e-23)
24088	OJ991014_10.0207.C27.p1.np	zf-cchc(HMM:5.1e-37)
24089	OJ991028_06.0121.C8.p8.np	zf-cchc(HMM:1.4e-16)
24090	OJ991103_09.0225.C17.p3.np	zf-cchc(HMM:9.9e-05)
24091	OJ991109_10.0203.C11.p1.np	zf-cchc(HMM:5.8e-10)
24092	OJ991112_16.0104.C15.p3.np	zf-cchc(HMM:1.9e-15)
24093	OJ991201_13.0421.C3.p4.np	zf-cchc(HMM:1.5e-08)
24094	OJ991201_13.9C23.C17.p1.np	zf-cchc(HMM:1.4e-07)
24095	OJ991208_07.0211.C12.p8.np	zf-cchc(HMM:3.7e-11)
24096	OJ000102_36.0222.C4.p3.np	zf-constans(HMM:1.9e-16)
24097	OJ000108_39.0308.C8.p2.np	zf-constans(HMM:3.6e-09)
24098	OJ000108_39.0426.C8.p2.np	zf-constans(HMM:3.6e-09)
24099	OJ000150_15.0124.C30.p1.np	zf-constans(HMM:1.2e-15)
24100	OJ000310_08.0419.C34.p1.np	zf-constans(HMM:1.1e-05)
24101	OJ000350_02.0314.C16.p2.np	zf-constans(HMM:1.9e-16)

24102	OJ990315_09.0128.C32.p1.np	zf-constans(HMM:0.0002)
24103	OJ990317_09.0421.C16.p1.np	zf-constans(HMM:1.4e-28)
24104	OJ990317_09.9C20.C16.p1.np	zf-constans(HMM:1.4e-28)
24105	OJ990318_16.9819.C4.p7.np	zf-constans(HMM:3.2)
24106	OJ990318_16.9819.C4.p8.np	zf-constans(HMM:2.8)
24107	OJ990318_16.9819.C4.p9.np	zf-constans(HMM:2.8)
24108	OJ990517_13.9A08.C40.p1.np	zf-constans(HMM:9.5e-29)
24109	OJ990528_29.9C10.C2.p2.np	zf-constans(HMM:2.1e-39)
24110	OJ990528_30.9919.C2.p2.np	zf-constans(HMM:3.4e-38)
24111	OJ990627_42.9B05.C9.p3.np	zf-constans(HMM:9.5e-29)
24112	OJ990728_09.9B18.C2.p8.np	zf-constans(HMM:9.5e-29)
24113	OJ991108_19.0419.C61.p1.np	zf-constans(HMM:5.4e-15)
24114	OJ991201_14.0118.C4.p7.np	zf-constans(HMM:2.8e-08)
24115	OJ000350_57.0313.C28.p1.np	zf-mynd(HMM:0.00078)
24116	OJ000450_13.0410.C3.p6.np	zf-mynd(HMM:1.5e-08)
24117	OJ990514_12.0103.C8.p1.np	zf-mynd(HMM:1.2e-09)
24118	OJ990710_46.9A26.C16.p1.np	zf-mynd(HMM:1.7e-06)
24119	OJ990714_12.0419.C25.p1.np	zf-mynd(HMM:1.2e-09)
24120	OJ990809_11.9C01.C9.p1.np	zf-mynd(HMM:1e-10)
24121	OJ991011_13.0103.C4.p1.np	zf-mynd(HMM:5.4e-12)
24122	OJ991106_38.0419.C23.p1.np	zf-mynd(HMM:1.8e-07)
24123	OJ991215_03.0128.C9.p1.np	zf-mynd(HMM:5.4e-12)
24124	OJ000111_09.0210.C5.p2.np	zz(HMM:9.7e-06)
24125	OJ000111_09.0303.C5.p2.np	zz(HMM:9.7e-06)
24126	OJ000111_09.0426.C5.p2.np	zz(HMM:9.7e-06)
24127	OJ000115_32.0301.C4.p2.np	zz(HMM:0.001)
24128	OJ000115_32.0414.C2.p2.np	zz(HMM:0.00067)
24129	OJ000308_26.0403.C7.p2.np	zz(HMM:9.7e-06)
24130	OJ000310_37.0419.C11.p1.np	zz(HMM:0.0019)
24131	OJ990330_12.9922.C16.p1.np	zz(HMM:0.021)
24132	OJ990330_12.9922.C23.p1.np	zz(HMM:0.013)
24133	OJ990616_02.9C23.C8.p1.np	zz(HMM:5.3e-14)
24134	OJ990616_02.9C23.C8.p2.np	zz(HMM:9.7e-06)
24135	OJ990818_13.0217.C19.p1.np	zz(HMM:0.0019)
24136	OJ990818_13.0317.C7.p1.np	zz(HMM:0.0019)
24137	OJ990823_10.9C08.C18.p1.np	zz(HMM:0.021)
24138	OJ990830_07.9A25.C32.p1.np	zz(HMM:0.021)
24139	OJ991019_16.0118.C21.p1.np	zz(HMM:3.9e-09)
24140	OJ991019_16.0118.C21.p2.np	zz(HMM:3.9e-09)
24141	OJ991019_19.0306.C2.p2.np	zz(HMM:3.9e-09)
24142	OJ991101_05.0202.C1.p2.np	zz(HMM:0.013)
24143	OJ991101_05.0202.C12.p2.np	zz(HMM:0.021)